

The Trail Inventory of Minnesota Valley NWR

Bloomington, MN



Prepared By:
Federal Highway Administration
Central Federal Lands Highway Division
February, 2012



TABLE OF CONTENTS

| <u>SECTION</u> | <u>PAGE</u> |
|--|--------------------|
| I. <u>TRAIL AND TRAIL FEATURE SUMMARIES</u> | 1 - 1 |
| II. <u>TRAIL LOCATION MAPS</u> | 2 - 1 |
| III. <u>TRAIL IDENTIFICATION LIST</u> | 3 - 1 |
| IV. <u>TRAIL CONDITION RATING SHEETS</u> | 4 - 1 |
| V. <u>TRAIL DEFICIENCY RATING SHEETS</u> | 5 - 1 |
| VI. <u>PHOTOGRAPHIC SHEETS</u> | 6 - 1 |
| VII. <u>GLOSSARY</u> | i |

Minnesota Valley NWR

Trail and Trail Feature Summaries

Trail Miles and Percentages by Surface Type and Condition

| Trail Surface Type | Excellent | | Fair | | Very Poor | | Others | | Total |
|--------------------|-----------|------|-------|----|-----------|-----|--------|------|-------|
| | Miles | % | Miles | % | Miles | % | Miles | % | Miles |
| Native | 4.33 | 87% | 0.07 | 1% | 0.55 | 11% | 0.00 | 0% | 4.95 |
| Gravel | 3.24 | 100% | 0.00 | 0% | 0.00 | 0% | 0.00 | 0% | 3.24 |
| Asphalt | 0.43 | 100% | 0.00 | 0% | 0.00 | 0% | 0.00 | 0% | 0.43 |
| Boardwalk | 0.21 | 100% | 0.00 | 0% | 0.00 | 0% | 0.00 | 0% | 0.21 |
| Mowed | 11.76 | 100% | 0.00 | 0% | 0.00 | 0% | 0.00 | 0% | 11.76 |
| Admin Road | 0.00 | 0% | 0.00 | 0% | 0.00 | 0% | 11.02 | 100% | 11.02 |
| Total | 19.97 | 63% | 0.07 | 0% | 0.55 | 2% | 11.02 | 35% | 31.61 |

Trail Miles and Percentages by Trail Classification and Condition

| Trail Classification | Excellent | | Fair | | Very Poor | | Others | | Total |
|----------------------|-----------|------|-------|----|-----------|----|--------|-----|-------|
| | Miles | % | Miles | % | Miles | % | Miles | % | Miles |
| TC2 | 0.96 | 100% | 0.00 | 0% | 0.00 | 0% | 0.00 | 0% | 0.96 |
| TC3 | 16.74 | 71% | 0.07 | 0% | 0.55 | 2% | 6.06 | 26% | 23.42 |
| TC4 | 1.44 | 23% | 0.00 | 0% | 0.00 | 0% | 4.96 | 78% | 6.40 |
| TC5 | 0.83 | 100% | 0.00 | 0% | 0.00 | 0% | 0.00 | 0% | 0.83 |
| Total | 19.97 | 63% | 0.07 | 0% | 0.55 | 2% | 11.02 | 35% | 31.61 |

*Admin Roads are included in the inventory but are not rated for condition.

Trail Features

| Trail Number | Feature Type | Quantity | Grouped Feature | Milepost | Photo |
|--------------|---------------------|----------|-----------------|----------|--------------|
| T200 | Sign | 1 | No | 0.00 | |
| T200 | Trailhead | 1 | No | 0.00 | MIVA_C2_0623 |
| T200 | Sign | 1 | No | 0.00 | MIVA_C2_0623 |
| T200 | Gate | 1 | No | 0.00 | |
| T200 | Sign | 2 | No | 0.02 | MIVA_C2_0624 |
| T200 | Culvert -lf | 30 | No | 0.02 | |
| T200 | Begin Section | 1 | No | 0.07 | |
| T200 | Begin Section | 1 | No | 0.11 | MIVA_C2_0627 |
| T200 | Boardwalk -lf | 55 | No | 0.17 | MIVA_C2_0630 |
| T200 | Lookout/Ob Deck | 1 | No | 0.20 | |
| T200 | Begin Section | 1 | No | 0.52 | MIVA_C2_0639 |
| T200 | Begin Section | 1 | No | 0.57 | MIVA_C2_0641 |
| T200 | Begin Section | 1 | No | 0.64 | MIVA_C2_0642 |
| T200 | Begin Section | 1 | No | 0.68 | MIVA_C2_0645 |
| T200 | Boardwalk -lf | 30 | No | 0.77 | MIVA_C2_0647 |
| T200 | Boardwalk -lf | 50 | No | 0.83 | MIVA_C2_0648 |
| T200 | Begin Section | 1 | No | 0.99 | |
| T200 | Crib: Log -cf | 20 | No | 1.11 | |
| T200 | Bench | 4 | No | 1.19 | |
| T200 | Bridge -sf | 100 | No | 1.31 | MIVA_C2_0654 |
| T200 | Crib: Log -cf | 75 | No | 1.34 | |
| T200 | Crib: Log -cf | 120 | No | 1.35 | |
| T200 | Crib: Log -cf | 40 | No | 1.42 | |
| T200 | Puncheon -lf | 10 | No | 1.54 | MIVA_C2_0656 |
| T200 | Bench | 1 | No | 1.66 | |
| T200 | Drainage Dips -each | 2 | No | 1.67 | |
| T200 | Check Dam:Log -each | 3 | No | 1.75 | |
| T200 | Check Dam:Log -each | 1 | No | 1.91 | |
| T200 | Boardwalk -lf | 50 | No | 1.92 | MIVA_C2_0099 |
| T200 | Culvert -lf | 20 | No | 2.03 | |
| T200 | Boardwalk -lf | 150 | No | 2.22 | MIVA_C2_0661 |
| T200 | Boardwalk -lf | 210 | No | 2.45 | |
| T200 | Culvert -lf | 10 | No | 2.74 | |
| T200 | Culvert -lf | 10 | No | 2.82 | |
| T200 | Culvert -lf | 40 | No | 3.12 | |
| T200 | Culvert -lf | 40 | No | 3.22 | |
| T200 | Other | 1 | No | 3.41 | MIVA_C2_0659 |
| T300 | Trailhead | 1 | No | 0.00 | MIVA_C2_0526 |

| | | | | | |
|------|---------------------|-----|----|------|--------------|
| T300 | Sign | 3 | No | 0.01 | MIVA_C2_0527 |
| T300 | Bench | 1 | No | 0.12 | |
| T300 | Begin Section | 1 | No | 0.34 | MIVA_C2_0539 |
| T300 | Lookout/Ob Deck | 1 | No | 0.41 | |
| T300 | Crib: Log -cf | 900 | No | 0.43 | |
| T300 | Step: Log -each | 8 | No | 0.45 | |
| T300 | Culvert -lf | 20 | No | 0.45 | |
| T300 | Begin Section | 1 | No | 0.52 | MIVA_C2_0531 |
| T300 | Water Control Struc | 1 | No | 0.91 | |
| T300 | Sign | 1 | No | 0.93 | MIVA_C2_0532 |
| T300 | Sign | 1 | No | 0.95 | MIVA_C2_0536 |
| T300 | Water Control Struc | 1 | No | 0.96 | |
| T300 | Water Control Struc | 1 | No | 0.99 | |
| T300 | Begin Section | 1 | No | 1.23 | MIVA_C2_0534 |
| T300 | Begin Section | 1 | No | 1.25 | MIVA_C2_0537 |
| T300 | Lookout/Ob Deck | 1 | No | 1.25 | |
| T300 | Sign | 1 | No | 1.25 | MIVA_C2_0533 |
| T300 | Begin Section | 1 | No | 1.57 | MIVA_C2_0538 |
| T300 | Begin Section | 1 | No | 1.60 | |
| T300 | Lookout/Ob Deck | 1 | No | 1.62 | |
| T301 | Sign | 3 | No | 0.00 | MIVA_C2_0589 |
| T301 | Gate | 1 | No | 0.00 | |
| T301 | Trailhead | 1 | No | 0.00 | MIVA_C2_0589 |
| T301 | Other | 1 | No | 0.00 | MIVA_C2_0720 |
| T301 | Bridge -sf | 48 | No | 0.14 | MIVA_C2_0590 |
| T301 | Intersection | 1 | No | 0.35 | MIVA_C2_0722 |
| T301 | Sign | 2 | No | 0.35 | MIVA_C2_0591 |
| T301 | Culvert -lf | 30 | No | 0.36 | |
| T301 | Sign | 3 | No | 0.41 | MIVA_C2_0592 |
| T301 | Intersection | 1 | No | 0.42 | MIVA_C2_0724 |
| T301 | Sign | 1 | No | 0.93 | MIVA_C2_0593 |
| T301 | Sign | 1 | No | 0.95 | MIVA_C2_0594 |
| T301 | Sign | 1 | No | 1.46 | MIVA_C2_0595 |
| T302 | Trailhead | 1 | No | 0.00 | MIVA_C2_1325 |
| T302 | Gate | 1 | No | 0.00 | |
| T302 | Sign | 1 | No | 0.00 | MIVA_C2_1326 |
| T302 | Lookout/Ob Deck | 1 | No | 0.09 | |
| T303 | Sign | 11 | No | 0.00 | MIVA_C2_1353 |
| T303 | Trailhead | 1 | No | 0.00 | MIVA_C2_1356 |
| T303 | Sign | 3 | No | 0.01 | MIVA_C2_1357 |
| T303 | Sign | 2 | No | 0.02 | MIVA_C2_1358 |
| T303 | Sign | 2 | No | 0.03 | MIVA_C2_1361 |
| T303 | Gate | 1 | No | 0.03 | |

| | | | | | |
|------|---------------------|-----|-----|------|--------------|
| T303 | Begin Section | 1 | No | 0.04 | MIVA_C2_1363 |
| T303 | Sign | 4 | No | 0.06 | MIVA_C2_1364 |
| T303 | Sign | 3 | No | 0.35 | MIVA_C2_1379 |
| T303 | Sign | 6 | No | 0.53 | MIVA_C2_1366 |
| T303 | Sign | 1 | Yes | 0.73 | MIVA_C2_1371 |
| T303 | Bridge -sf | 600 | No | 1.19 | MIVA_C2_1376 |
| T303 | Bridge -sf | 750 | No | 1.58 | MIVA_C2_1378 |
| T303 | Begin Section | 1 | No | 2.23 | MIVA_C2_0596 |
| T303 | Sign | 2 | No | 2.32 | MIVA_C2_0597 |
| T303 | Sign | 2 | No | 3.89 | MIVA_C2_0600 |
| T303 | Sign | 1 | No | 3.89 | MIVA_C2_0601 |
| T303 | Sign | 3 | No | 3.96 | MIVA_C2_0602 |
| T303 | Sign | 3 | No | 3.97 | MIVA_C2_0603 |
| T303 | Sign | 2 | No | 3.98 | MIVA_C2_0605 |
| T303 | Begin Section | 1 | No | 4.00 | MIVA_C2_0606 |
| T303 | Water Control Struc | 1 | No | 4.06 | |
| T303 | Culvert -lf | 150 | No | 4.08 | |
| T303 | Begin Section | 1 | No | 4.17 | MIVA_C2_0611 |
| T303 | Sign | 1 | No | 4.37 | MIVA_C2_0613 |
| T303 | Intersection | 1 | No | 4.38 | MIVA_C2_0614 |
| T303 | Sign | 3 | No | 4.38 | MIVA_C2_0614 |
| T303 | Sign | 3 | No | 4.39 | MIVA_C2_0729 |
| T303 | Sign | 1 | No | 4.57 | MIVA_C2_0616 |
| T303 | Sign | 1 | No | 4.97 | MIVA_C2_0731 |
| T303 | Bench | 1 | No | 5.40 | |
| T304 | Trailhead | 1 | No | 0.00 | MIVA_C2_0618 |
| T304 | Sign | 5 | No | 0.00 | MIVA_C2_0619 |
| T304 | Gate | 1 | No | 0.01 | MIVA_C2_0619 |
| T304 | Water Control Struc | 1 | No | 0.19 | |
| T304 | Culvert -lf | 30 | No | 1.71 | |
| T304 | Sign | 1 | No | 1.76 | MIVA_C2_0621 |
| T304 | Gate | 1 | No | 1.79 | |
| T304 | Sign | 1 | No | 1.79 | MIVA_C2_0620 |
| T304 | Other | 1 | No | 1.79 | MIVA_C2_0736 |
| T305 | Trailhead | 1 | No | 0.00 | |
| T305 | Sign | 2 | No | 0.24 | MIVA_C2_0668 |
| T305 | Begin Section | 1 | No | 0.33 | |
| T305 | Sign | 1 | No | 0.67 | MIVA_C2_0669 |
| T305 | Begin Section | 1 | No | 1.08 | MIVA_C2_0716 |
| T306 | Gate | 1 | No | 0.00 | MIVA_C2_0719 |
| T306 | Trailhead | 1 | No | 0.00 | MIVA_C2_0676 |
| T306 | Sign | 3 | No | 0.00 | MIVA_C2_0677 |
| T307 | Intersection | 1 | No | 0.00 | MIVA_C2_0710 |

| | | | | | |
|------|---------------------|-----|-----|------|--------------|
| T307 | Trailhead | 1 | No | 0.00 | MIVA_C2_0708 |
| T307 | Sign | 1 | No | 0.01 | MIVA_C2_0709 |
| T307 | Sign | 7 | Yes | 0.06 | MIVA_C2_0711 |
| T307 | Sign | 0 | Yes | 0.20 | |
| T307 | Sign | 0 | Yes | 0.29 | |
| T307 | Sign | 0 | Yes | 0.35 | |
| T307 | Sign | 0 | Yes | 0.40 | |
| T307 | Sign | 0 | Yes | 0.58 | |
| T307 | Sign | 0 | Yes | 0.61 | |
| T400 | Trailhead | 1 | No | 0.00 | |
| T400 | Sign | 2 | No | 0.00 | MIVA_C2_1335 |
| T400 | Sign | 7 | No | 0.00 | MIVA_C2_1331 |
| T400 | Sign | 2 | No | 0.00 | MIVA_C2_1333 |
| T400 | Gate | 1 | No | 0.00 | |
| T400 | Sign | 2 | No | 0.02 | MIVA_C2_1336 |
| T400 | Culvert -lf | 25 | No | 0.66 | |
| T400 | Begin Section | 1 | No | 0.67 | MIVA_C2_1337 |
| T400 | Culvert -lf | 25 | No | 0.90 | |
| T400 | Begin Section | 1 | No | 0.96 | MIVA_C2_1338 |
| T400 | Culvert -lf | 25 | No | 1.24 | |
| T400 | Culvert -lf | 20 | No | 1.46 | |
| T400 | Water Control Struc | 1 | No | 1.70 | |
| T400 | Culvert -lf | 25 | No | 1.81 | |
| T400 | Lookout/Ob Deck | 1 | No | 1.90 | |
| T401 | Gate | 1 | No | 0.00 | |
| T401 | Trailhead | 1 | No | 0.00 | |
| T401 | Sign | 1 | No | 0.00 | |
| T401 | Sign | 5 | No | 0.03 | MIVA_C2_0542 |
| T401 | Sign | 2 | No | 0.20 | MIVA_C2_0749 |
| T401 | Culvert -lf | 50 | No | 0.34 | |
| T401 | Water Control Struc | 1 | No | 0.60 | |
| T401 | Sign | 1 | No | 2.36 | MIVA_C2_0677 |
| T401 | Sign | 2 | No | 3.48 | MIVA_C2_0678 |
| T401 | Begin Section | 1 | No | 3.56 | MIVA_C2_0679 |
| T402 | Other | 1 | No | 0.00 | MIVA_C2_0754 |
| T402 | Sign | 2 | No | 0.00 | MIVA_C2_0559 |
| T402 | Sign | 2 | No | 0.00 | MIVA_C2_0558 |
| T402 | Gate | 1 | No | 0.00 | MIVA_C2_0558 |
| T402 | Trailhead | 1 | No | 0.00 | MIVA_C2_0558 |
| T402 | Crib: Rock -cf | 100 | No | 0.14 | |
| T402 | Sign | 1 | No | 0.20 | MIVA_C2_0560 |
| T402 | Begin Section | 1 | No | 0.20 | MIVA_C2_0560 |
| T402 | Other | 1 | No | 0.21 | MIVA_C2_0755 |

| | | | | | |
|------|---------------------|-----|-----|------|--------------|
| T402 | Sign | 10 | Yes | 0.23 | MIVA_C2_0561 |
| T402 | Sign | 1 | No | 0.24 | MIVA_C2_0562 |
| T402 | Sign | 0 | Yes | 0.25 | |
| T402 | Water Control Struc | 1 | No | 0.28 | |
| T402 | Bench | 1 | No | 0.28 | |
| T402 | Sign | 0 | Yes | 0.28 | |
| T402 | Begin Section | 1 | No | 0.29 | MIVA_C2_0565 |
| T402 | Culvert -lf | 20 | No | 0.30 | |
| T402 | Begin Section | 1 | No | 0.30 | MIVA_C2_0569 |
| T402 | Sign | 0 | Yes | 0.32 | |
| T402 | Sign | 0 | Yes | 0.43 | |
| T402 | Sign | 0 | Yes | 0.47 | |
| T402 | Water Control Struc | 1 | No | 0.47 | |
| T402 | Sign | 0 | Yes | 0.60 | |
| T402 | Bridge -sf | 265 | No | 0.60 | MIVA_C2_0568 |
| T402 | Sign | 0 | Yes | 0.67 | |
| T402 | Water Control Struc | 1 | No | 0.67 | |
| T402 | Sign | 0 | Yes | 0.69 | |
| T402 | Intersection | 1 | No | 0.69 | MIVA_C2_0760 |
| T402 | Sign | 0 | Yes | 0.73 | |
| T403 | Sign | 1 | No | 0.00 | MIVA_C2_0727 |
| T403 | Trailhead | 1 | No | 0.00 | MIVA_C2_0588 |
| T403 | Gate | 1 | No | 0.00 | MIVA_C2_0588 |
| T403 | Sign | 1 | No | 0.00 | MIVA_C2_0574 |
| T403 | Sign | 1 | No | 0.00 | MIVA_C2_0573 |
| T403 | Sign | 1 | No | 0.01 | MIVA_C2_0572 |
| T403 | Sign | 3 | No | 0.72 | MIVA_C2_0579 |
| T403 | Gate | 1 | No | 0.73 | |
| T403 | Sign | 1 | No | 0.74 | MIVA_C2_0581 |
| T403 | Other | 1 | No | 0.79 | |
| T403 | Sign | 3 | No | 0.79 | MIVA_C2_0582 |
| T500 | Trailhead | 1 | No | 0.00 | MIVA_C2_0543 |
| T500 | Sign | 1 | No | 0.00 | MIVA_C2_0544 |
| T500 | Begin Section | 1 | No | 0.04 | MIVA_C2_0550 |
| T500 | Step: Rock -each | 9 | No | 0.04 | |
| T500 | Drain: Rock -each | 1 | No | 0.04 | |
| T500 | Sign | 1 | No | 0.04 | MIVA_C2_0545 |
| T500 | Sign | 10 | Yes | 0.06 | MIVA_C2_0739 |
| T500 | Sign | 0 | Yes | 0.08 | |
| T500 | Other | 1 | No | 0.10 | |
| T500 | Bench | 1 | No | 0.12 | |
| T500 | Max Grade- % | 18 | No | 0.12 | |
| T500 | Sign | 0 | Yes | 0.12 | |

| | | | | | |
|------|----------------------|-----|-----|------|--------------|
| T500 | Crib: Rock -cf | 140 | No | 0.14 | |
| T500 | Sign | 0 | Yes | 0.15 | |
| T500 | Bench | 1 | No | 0.18 | |
| T500 | Sign | 0 | Yes | 0.20 | |
| T500 | Water Bar:Rock -each | 60 | Yes | 0.21 | MIVA_C2_0742 |
| T500 | Begin Section | 1 | No | 0.23 | MIVA_C2_0553 |
| T500 | Lookout/Ob Deck | 1 | No | 0.25 | |
| T500 | Sign | 0 | Yes | 0.25 | |
| T500 | Culvert -lf | 20 | No | 0.27 | |
| T500 | Crib: Rock -cf | 30 | No | 0.28 | |
| T500 | Bench | 1 | No | 0.30 | |
| T500 | Sign | 0 | Yes | 0.34 | |
| T500 | Begin Section | 1 | No | 0.35 | MIVA_C2_0745 |
| T500 | Sign | 2 | No | 0.35 | MIVA_C2_0555 |
| T500 | Step: Log -each | 65 | No | 0.36 | |
| T500 | Step: Log -each | 28 | No | 0.37 | |
| T500 | Crib: Rock -cf | 225 | No | 0.38 | |
| T500 | Sign | 0 | Yes | 0.38 | |
| T500 | Sign | 0 | Yes | 0.40 | |
| T500 | Sign | 0 | Yes | 0.41 | |
| T500 | Sign | 10 | Yes | 0.41 | MIVA_C2_0556 |
| T500 | Step: Log -each | 13 | No | 0.41 | |
| T500 | Drain: Rock -each | 1 | No | 0.42 | |
| T500 | Intersection | 1 | No | 0.46 | MIVA_C2_0748 |
| T500 | Sign | 2 | No | 0.46 | MIVA_C2_0747 |
| T501 | Trailhead | 1 | No | 0.00 | MIVA_C2_0546 |
| T501 | Begin Section | 1 | No | 0.05 | MIVA_C2_0547 |
| T501 | Bench | 1 | No | 0.07 | |
| T502 | Trailhead | 1 | No | 0.00 | MIVA_C2_0703 |
| T502 | Other | 1 | No | 0.00 | MIVA_C2_0702 |
| T502 | Bench | 1 | No | 0.02 | |
| T502 | Sign | 3 | Yes | 0.04 | MIVA_C2_0704 |
| T502 | Sign | 0 | Yes | 0.23 | |
| T502 | Sign | 0 | Yes | 0.24 | |
| T502 | Sign | 1 | No | 0.25 | MIVA_C2_0705 |
| T502 | Sign | 8 | Yes | 0.25 | MIVA_C2_0707 |
| T502 | Begin Section | 1 | No | 0.25 | MIVA_C2_0706 |
| T502 | Sign | 0 | Yes | 0.88 | |
| T502 | Begin Section | 1 | No | 3.08 | |
| T502 | Begin Section | 1 | No | 3.08 | |
| T502 | Begin Section | 1 | No | 3.59 | |
| T502 | Sign | 0 | Yes | 3.61 | |
| T502 | Sign | 0 | Yes | 3.76 | |

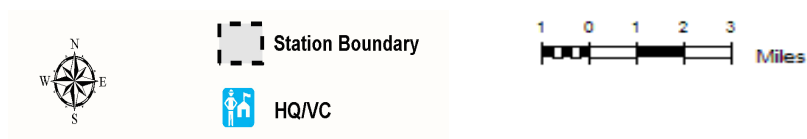
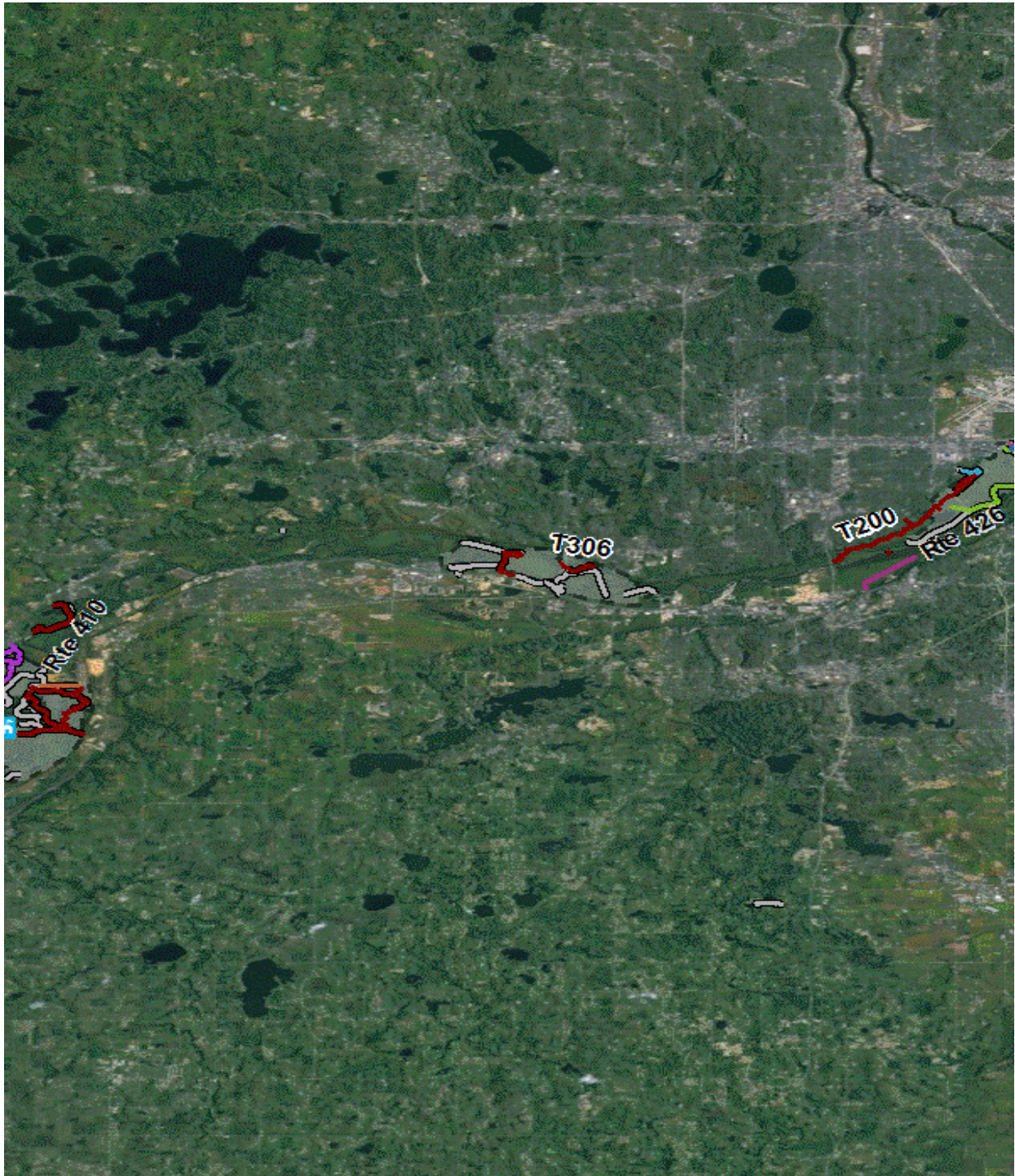
| | | | | | |
|------|-------------|-----|-----|------|--------------|
| T502 | Sign | 0 | Yes | 3.76 | |
| T502 | Sign | 0 | Yes | 3.78 | |
| T502 | Bridge -sf | 500 | No | 3.82 | MIVA_C2_0713 |
| T502 | Sign | 0 | Yes | 3.87 | |
| T502 | Other | 1 | No | 3.88 | MIVA_C2_0715 |
| T502 | Other | 1 | No | 3.95 | MIVA_C2_0714 |
| T502 | Culvert -lf | 20 | No | 5.05 | |
| T502 | Sign | 0 | Yes | 5.19 | |

sf - square feet

lf - linear feet

cf - cubic feet

Minnesota Valley NWR Trail Location Map



Trails ID

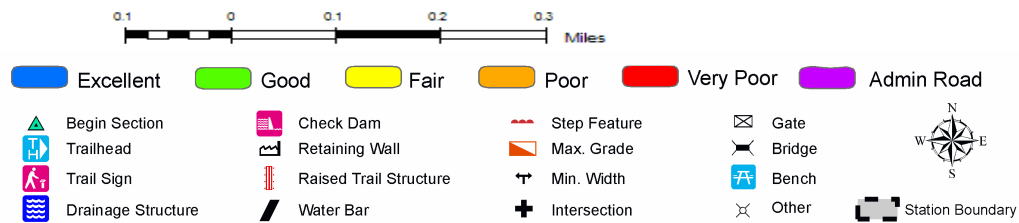
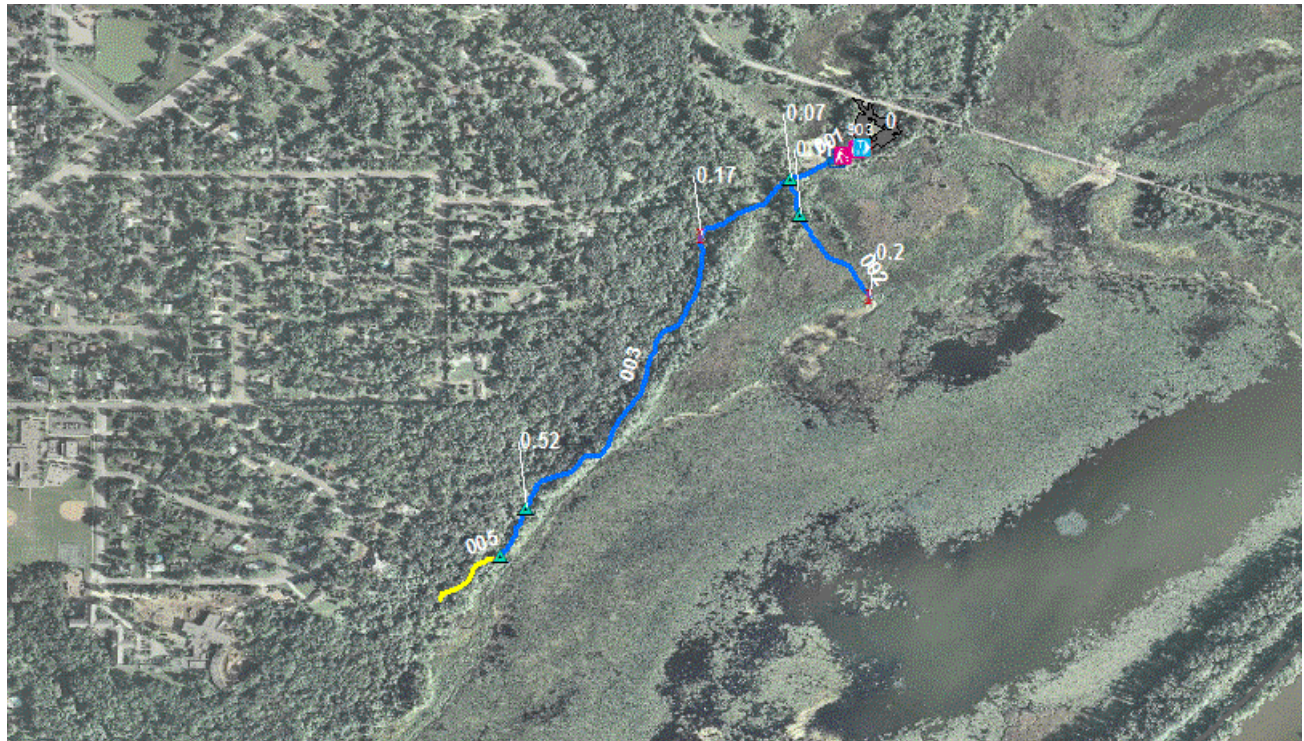
Station Name: Minnesota Valley NWR

Org Code: 32590

| Trail Number | Trail Name | Surface Type | SAMMS | Trail Mileage | Trail Description (Begin and End point of trail) |
|--------------|------------------------|--------------|----------|---------------|---|
| T200 | Bluff Trail | Boardwalk | 10012355 | 0.19 | From Cedar Ave Parking (Rte 903) to Lyndale Ave Parking (Rte 904) |
| T200 | Bluff Trail | Gravel | 10012355 | 0.11 | From Cedar Ave Parking (Rte 903) to Lyndale Ave Parking (Rte 904) |
| T200 | Bluff Trail | Native | 10012355 | 3.50 | From Cedar Ave Parking (Rte 903) to Lyndale Ave Parking (Rte 904) |
| T300 | Hog Back Ridge Trail | Admin Road | 10012412 | 1.18 | From Cedar Ave Parking (Rte 903) to End of Trail Loop at Sec 002 |
| T300 | Hog Back Ridge Trail | Boardwalk | 10012412 | 0.02 | From Cedar Ave Parking (Rte 903) to End of Trail Loop at Sec 002 |
| T300 | Hog Back Ridge Trail | Gravel | 10012412 | 0.81 | From Cedar Ave Parking (Rte 903) to End of Trail Loop at Sec 002 |
| T300 | Hog Back Ridge Trail | Native | 10012412 | 0.09 | From Cedar Ave Parking (Rte 903) to End of Trail Loop at Sec 002 |
| T301 | Middle Road Trail | Admin Road | 10012517 | 1.46 | From Gate at Jordan Road to State Corridor Trail |
| T302 | Observation Deck Trail | Native | N/A | 0.09 | From North Lot to Observation Deck |
| T303 | Mazomani Trail | Gravel | 10012391 | 0.04 | From Louisville Swamp Parking (Rte 910) to End of Trail Loop at Sec 006 |
| T303 | Mazomani Trail | Gravel | 10012512 | 0.16 | From Louisville Swamp Parking (Rte 910) to End of Trail Loop at Sec 006 |
| T303 | Mazomani Trail | Mowed | 10012391 | 3.90 | From Louisville Swamp Parking (Rte 910) to End of Trail Loop at Sec 006 |
| T303 | Mazomani Trail | Native | 10012391 | 1.27 | From Louisville Swamp Parking (Rte 910) to End of Trail Loop at Sec 006 |
| T304 | Chaska Trail | Admin Road | 10012482 | 1.79 | From Chaska Baseball Field to End of Trail |
| T305 | Minnesota River Trail | Admin Road | 10012451 | 0.75 | From Wilkie Parking (Rte 901) to Blue Lake Trail (T306) |
| T305 | Minnesota River Trail | Mowed | 10012451 | 1.10 | From Wilkie Parking (Rte 901) to Blue Lake Trail (T306) |

| | | | | | |
|------|---------------------------|------------|----------|------|---|
| T306 | Bloomington Ferry Trail | Admin Road | 10049371 | 0.88 | From Bloomington Ferry Parking (Rte 905) to End of Trail |
| T307 | Loop Trail | Mowed | N/A | 0.66 | Educational Center Visitor Parking (Rte 918) to End of Loop |
| T400 | Black Dog Trail | Gravel | 10012434 | 0.94 | From Cliff/Fen Park to End of Trail |
| T400 | Black Dog Trail | Mowed | 10012434 | 0.96 | From Cliff/Fen Park to End of Trail |
| T401 | Kelly Trail | Admin Road | 10012365 | 3.97 | From American Blvd. to End of Trail |
| T402 | Bass Ponds Trail | Admin Road | 10012356 | 0.20 | From Bass Ponds Parking (Rte 902) to End of Trail Loop at Sec 001 |
| T402 | Bass Ponds Trail | Gravel | 10012356 | 0.67 | From Bass Ponds Parking (Rte 902) to End of Trail Loop at Sec 001 |
| T403 | Little Prairie Loop Trail | Admin Road | 10012519 | 0.79 | From Louisville Swamp Parking (Rte 910) to End of Trail |
| T500 | Hillside Trail | Asphalt | 10012347 | 0.04 | From Visitor Center Parking (Rte 900) to End of Trail Loop at Sec 001 |
| T500 | Hillside Trail | Gravel | 10012347 | 0.51 | From Visitor Center Parking (Rte 900) to End of Trail Loop at Sec 001 |
| T501 | Bluff Prairie Path | Asphalt | 10012355 | 0.14 | From Hillside Trail (T500) to Visitor Center Parking (Rte 900) |
| T502 | Rapids Lake Trail | Asphalt | N/A | 0.25 | Educational Center Visitor Parking (Rte 918) to End of Loop |
| T502 | Rapids Lake Trail | Mowed | N/A | 5.14 | Educational Center Visitor Parking (Rte 918) to End of Loop |

TRAIL CONDITION



Trail Name: Bluff Trail

Refuge Name: Minnesota Valley NWR

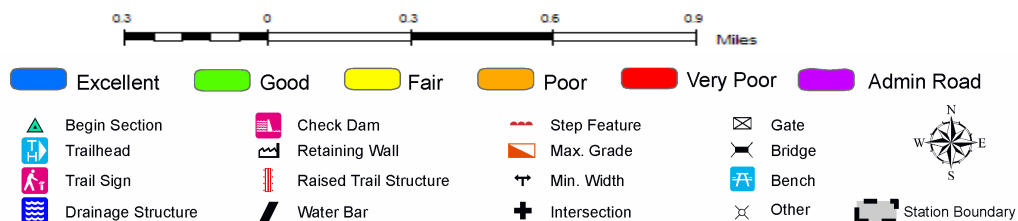
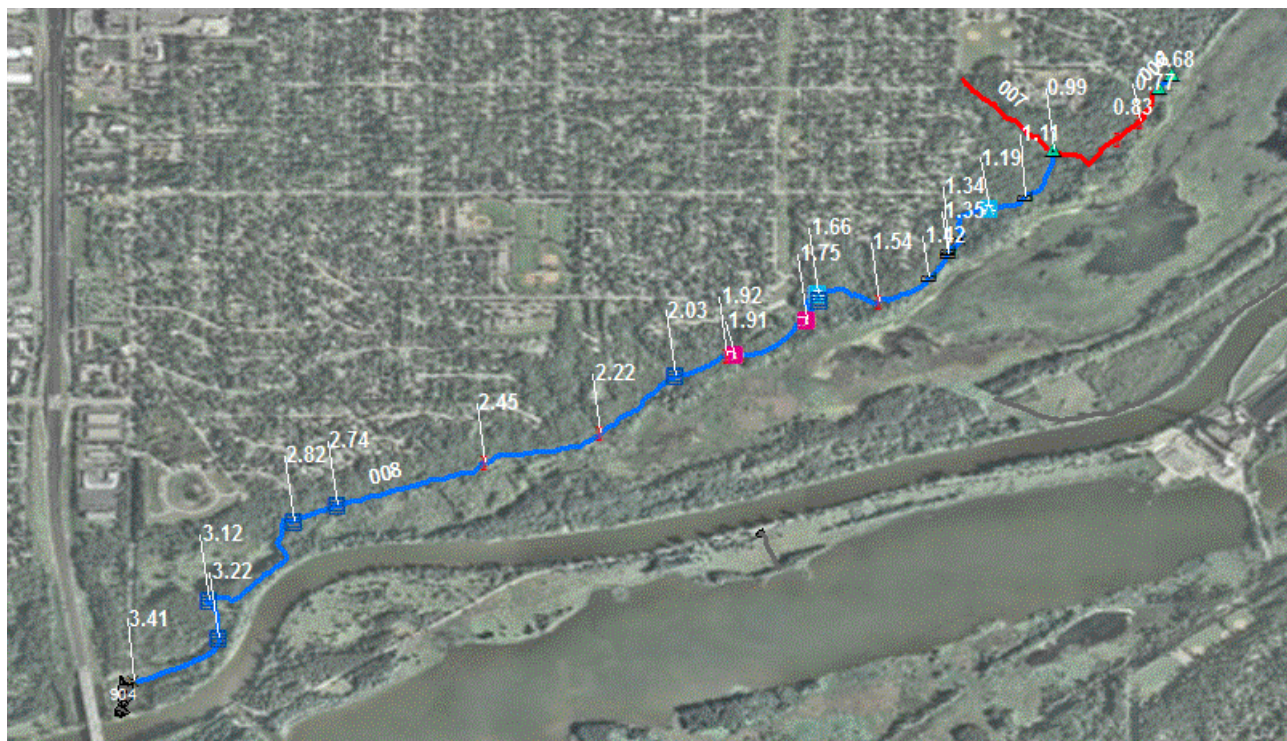
Trail Number: T200

Region: 3

Total Length: 3.80 Miles

| Section Number | 001 | 002 | 003 | 004 | 005 |
|------------------------------------|------------|------------|------------|------------|------------|
| Section Length (miles) | 0.11 | 0.09 | 0.45 | 0.06 | 0.07 |
| SAMMS Number | 10012355 | 10012355 | 10012355 | 10012355 | 10012355 |
| Rating Date | 07/20/2006 | 07/20/2006 | 07/20/2006 | 07/20/2006 | 07/20/2006 |
| Trail Section Information | | | | | |
| Trail Class | TC3 | TC3 | TC3 | TC3 | TC3 |
| Surface Type | Gravel | Boardwalk | Native | Boardwalk | Native |
| Surface Firmness | Hard | Hard | Firm | Paved | Firm |
| Width (inches) | 24 | 60 | 24 | 45 | 24 |
| Average Grade (%) | 4.3 | 4.3 | 4.3 | 4.3 | 4.3 |
| Average X-slope (%) | 1.60 | 1.60 | 1.60 | 1.60 | 1.60 |
| Trail Condition Information | | | | | |
| Deferred Maintenance | | | | | \$347 |
| CRV | \$6,275 | \$63,588 | \$23,522 | \$31,794 | \$3,658 |
| FCI | 0.00 | 0.00 | 0.00 | 0.00 | 0.09 |
| Condition | Excellent | Excellent | Excellent | Excellent | Fair |

TRAIL CONDITION



Trail Name: Bluff Trail

Refuge Name: Minnesota Valley NWR

Trail Number: T200

Region: 3

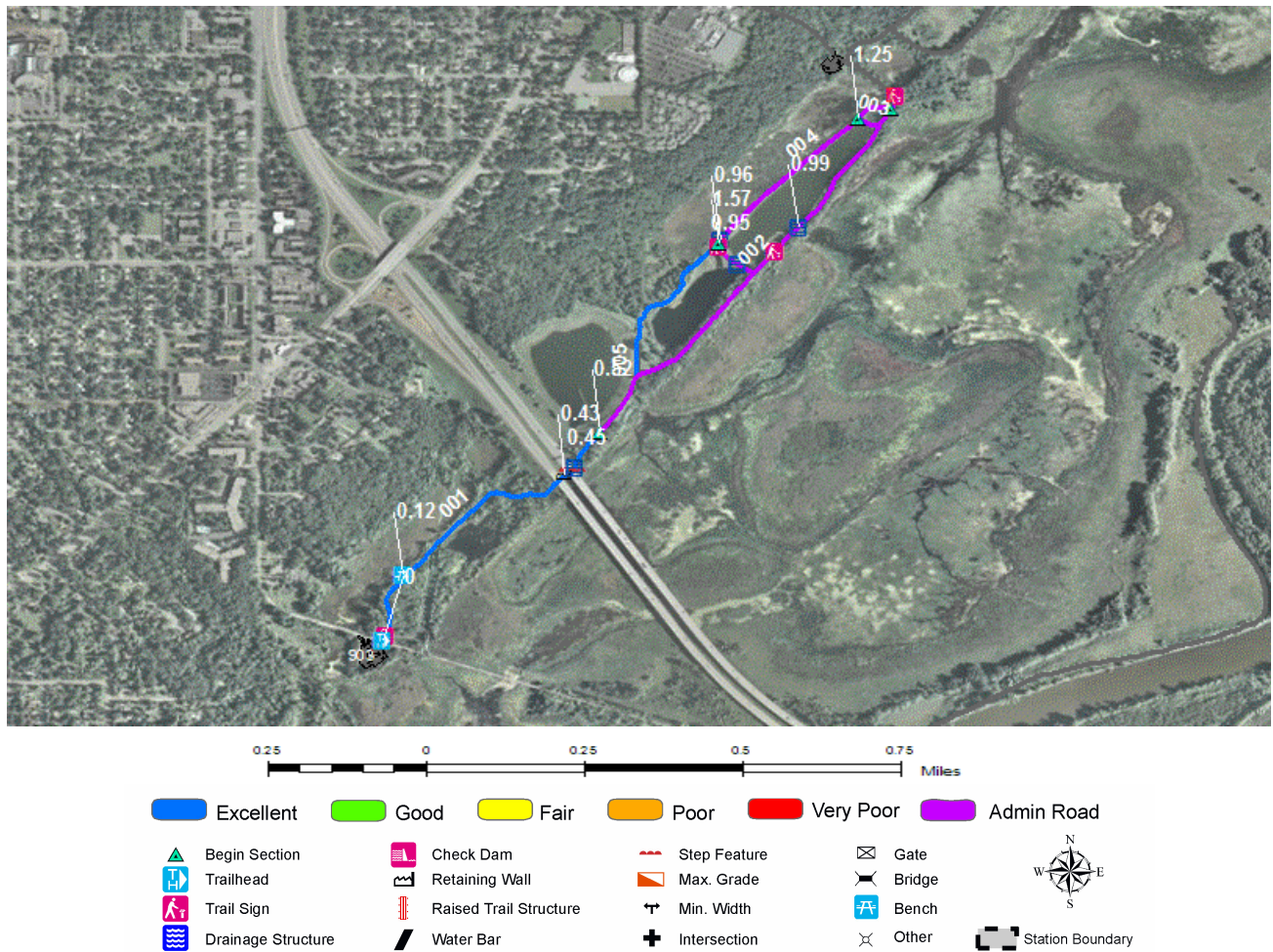
Total Length: 3.80 Miles

| Section Number | 006 | 007 | 008 |
|------------------------------------|------------|------------|------------|
| Section Length (miles) | 0.04 | 0.55 | 2.43 |
| SAMMS Number | 10012355 | 10012355 | 10012355 |
| Rating Date | 07/20/2006 | 07/20/2006 | 07/20/2006 |
| Trail Section Information | | | |
| Trail Class | TC3 | TC3 | TC3 |
| Surface Type | Boardwalk | Native | Native |
| Surface Firmness | Hard | Firm | Firm |
| Width (inches) | 45 | 24 | 24 |
| Average Grade (%) | 4.3 | 4.3 | 4.3 |
| Average X-slope (%) | 1.60 | 1.60 | 1.60 |
| Trail Condition Information | | | |
| Deferred Maintenance | \$151 | \$9,317 | \$3,003 |
| CRV | \$21,196 | \$28,750 | \$127,022 |
| FCI | 0.01 | 0.26 | 0.01 |
| Condition | Excellent | Very Poor | Excellent |

Trail Condition TOTALS

| Deferred Maintenance | CRV | FCI | Condition |
|----------------------|-----------|------|-----------|
| \$12,819 | \$305,804 | 0.03 | Good |

TRAIL CONDITION



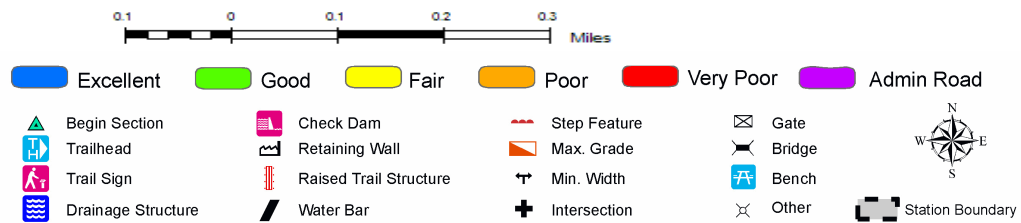
Trail Name: Hog Back Ridge Trail
Trail Number: T300

Refuge Name: Minnesota Valley NWR
Region: 3

Total Length: 2.10 Miles

| Section Number | 001 | 002 | 003 | 004 | 005 |
|------------------------------------|------------|------------|------------|------------|------------|
| Section Length (miles) | 0.52 | 0.74 | 0.08 | 0.36 | 0.29 |
| SAMMS Number | 10012412 | 10012412 | 10012412 | 10012412 | 10012412 |
| Rating Date | 07/17/2006 | 07/17/2006 | 07/17/2006 | 07/17/2006 | 07/17/2006 |
| Trail Section Information | | | | | |
| Trail Class | TC3 | TC3 | TC3 | TC3 | TC3 |
| Surface Type | Gravel | Admin Road | Admin Road | Admin Road | Gravel |
| Surface Firmness | Firm | Firm | Firm | Firm | Firm |
| Width (inches) | 48 | 100 | 100 | 100 | 48 |
| Average Grade (%) | 2.5 | 2.5 | 2.5 | 2.5 | 2.5 |
| Average X-slope (%) | 1.40 | 1.40 | 1.40 | 1.40 | 1.40 |
| Trail Condition Information | | | | | |
| Deferred Maintenance | | | | | |
| CRV | \$59,303 | | | | \$33,075 |
| FCI | 0.00 | | | | 0.00 |
| Condition | Excellent | | | | Excellent |

TRAIL CONDITION



Trail Name: Hog Back Ridge Trail
Trail Number: T300

Refuge Name: Minnesota Valley NWR
Region: 3

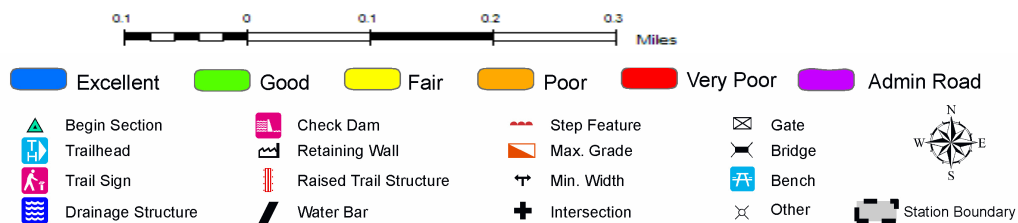
Total Length: 2.10 Miles

| | | |
|------------------------------------|------------|------------|
| Section Number | 006 | 007 |
| Section Length (miles) | 0.02 | 0.09 |
| SAMMS Number | 10012412 | 10012412 |
| Rating Date | 07/17/2006 | 07/17/2006 |
| Trail Section Information | | |
| Trail Class | TC3 | TC3 |
| Surface Type | Boardwalk | Native |
| Surface Firmness | Hard | Hard |
| Width (inches) | 60 | 36 |
| Average Grade (%) | 2.5 | 2.5 |
| Average X-slope (%) | 1.40 | 1.40 |
| Trail Condition Information | | |
| Deferred Maintenance | | |
| CRV | \$14,131 | \$7,059 |
| FCI | 0.00 | 0.00 |
| Condition | Excellent | Excellent |

Trail Condition TOTALS

| | | | |
|----------------------|-----------|------|-----------|
| Deferred Maintenance | CRV | FCI | Condition |
| | \$113,567 | 0.00 | Excellent |

TRAIL CONDITION



Trail Name: Middle Road Trail
Trail Number: T301

Refuge Name: Minnesota Valley NWR
Region: 3

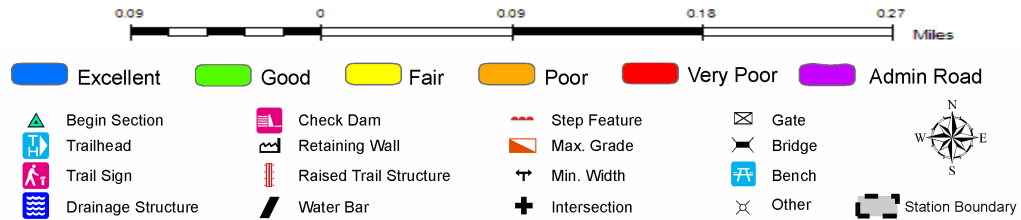
Total Length: 1.46 Miles

| | |
|------------------------------------|------------|
| Section Number | 001 |
| Section Length (miles) | 1.46 |
| SAMMS Number | 10012517 |
| Rating Date | 07/19/2006 |
| Trail Section Information | |
| Trail Class | TC3 |
| Surface Type | Admin Road |
| Surface Firmness | Hard |
| Width (inches) | 96 |
| Average Grade (%) | 0.9 |
| Average X-slope (%) | 0.70 |
| Trail Condition Information | |
| Deferred Maintenance | |
| CRV | |
| FCI | |
| Condition | |

Trail Condition TOTALS

| Deferred Maintenance | CRV | FCI | Condition |
|----------------------|-----|-----|-----------|
| | | | |

TRAIL CONDITION



Trail Name: Observation Deck Trail
Trail Number: T302

Refuge Name: Minnesota Valley NWR
Region: 3

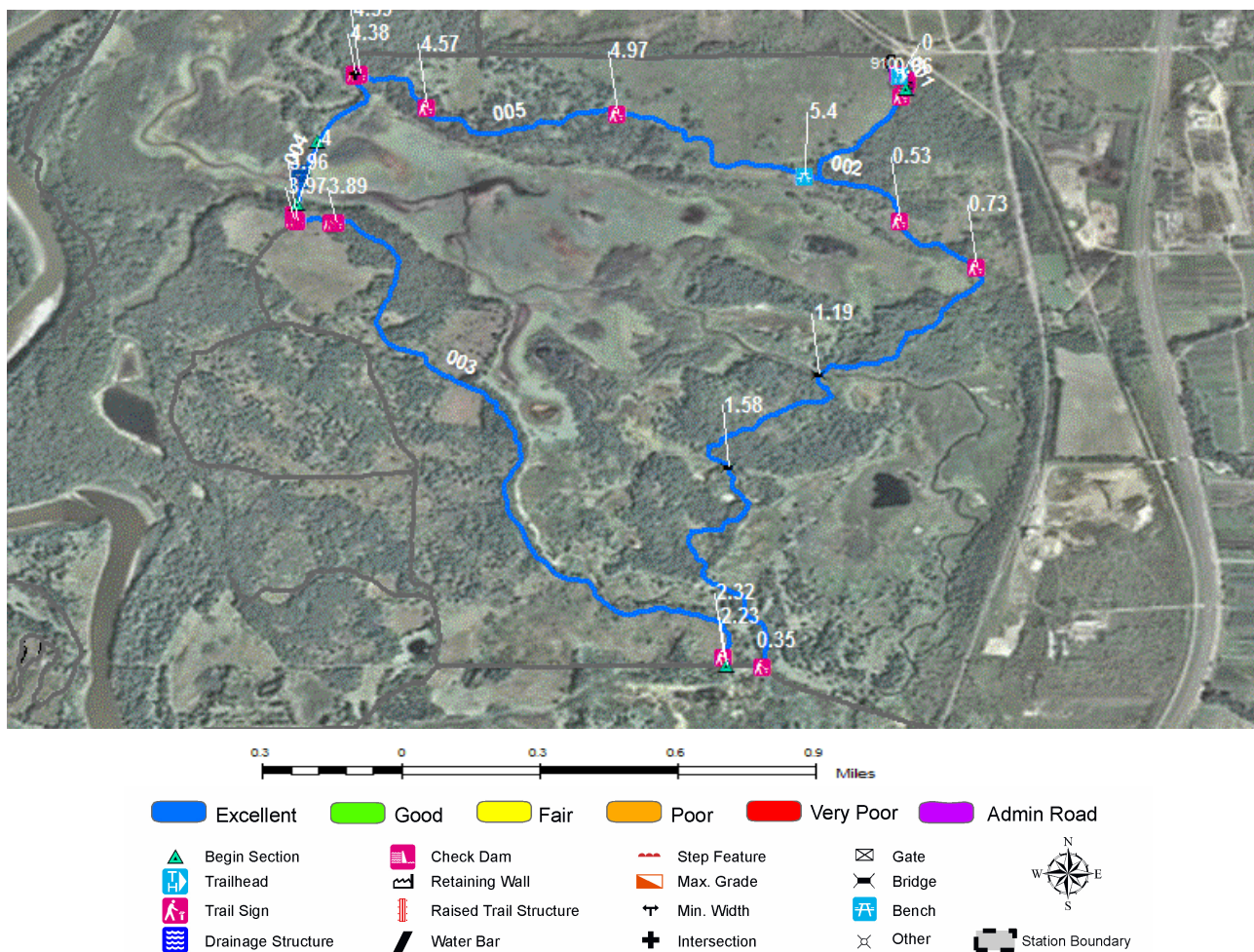
Total Length: 0.09 Miles

| | |
|------------------------------------|------------|
| Section Number | 001 |
| Section Length (miles) | 0.09 |
| SAMMS Number | N/A |
| Rating Date | 07/18/2006 |
| Trail Section Information | |
| Trail Class | TC3 |
| Surface Type | Native |
| Surface Firmness | Hard |
| Width (inches) | 36 |
| Average Grade (%) | 1.9 |
| Average X-slope (%) | 2.20 |
| Trail Condition Information | |
| Deferred Maintenance | |
| CRV | \$7,059 |
| FCI | 0.00 |
| Condition | Excellent |

Trail Condition TOTALS

| Deferred Maintenance | CRV | FCI | Condition |
|----------------------|---------|------|-----------|
| | \$7,059 | 0.00 | Excellent |

TRAIL CONDITION



Trail Name: Mazomani Trail
Trail Number: T303

Refuge Name: Minnesota Valley NWR
Region: 3

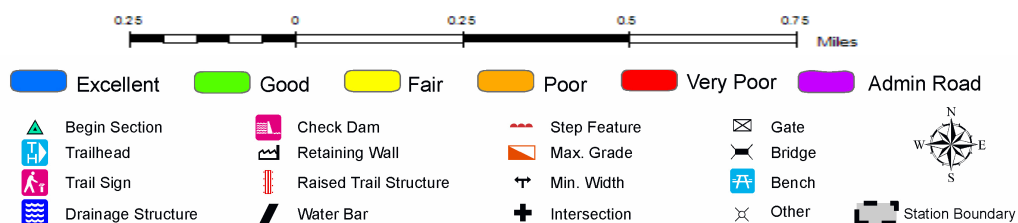
Total Length: 6.04 Miles

| Section Number | 001 | 002 | 003 | 004 | 005 |
|------------------------------------|------------|------------|------------|------------|------------|
| Section Length (miles) | 0.04 | 2.19 | 1.71 | 0.16 | 1.27 |
| SAMMS Number | 10012391 | 10012391 | 10012391 | 10012512 | 10012391 |
| Rating Date | 07/19/2006 | 07/19/2006 | 07/19/2006 | 07/19/2006 | 07/19/2006 |
| Trail Section Information | | | | | |
| Trail Class | TC3 | TC3 | TC3 | TC3 | TC3 |
| Surface Type | Gravel | Mowed | Mowed | Gravel | Native |
| Surface Firmness | Firm | Firm | Firm | Firm | Firm |
| Width (inches) | 84 | 84 | 18 | 90 | 90 |
| Average Grade (%) | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 |
| Average X-slope (%) | 5.30 | 5.30 | 5.30 | 5.30 | 5.30 |
| Trail Condition Information | | | | | |
| Deferred Maintenance | | \$1,971 | | | \$598 |
| CRV | \$7,981 | \$100,166 | \$16,759 | \$34,214 | \$248,945 |
| FCI | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 |
| Condition | Excellent | Excellent | Excellent | Excellent | Excellent |

Trail Condition TOTALS

| Deferred Maintenance | CRV | FCI | Condition |
|----------------------|-----------|------|-----------|
| \$2,569 | \$408,066 | 0.00 | Excellent |

TRAIL CONDITION



Trail Name: Chaska Trail

Refuge Name: Minnesota Valley NWR

Trail Number: T304

Region: 3

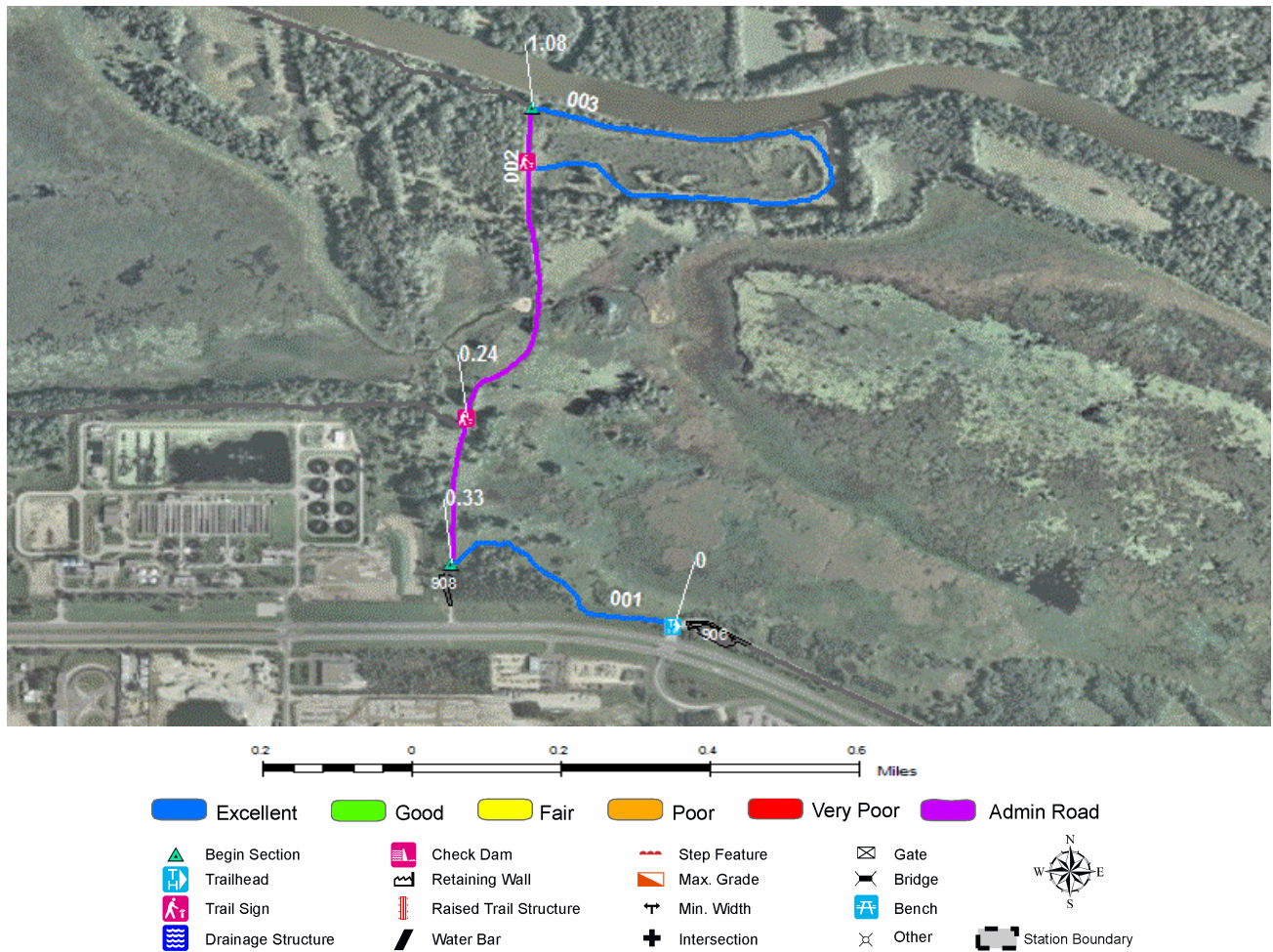
Total Length: 1.79 Miles

| | |
|------------------------------------|------------|
| Section Number | 001 |
| Section Length (miles) | 1.79 |
| SAMMS Number | 10012482 |
| Rating Date | 07/19/2006 |
| Trail Section Information | |
| Trail Class | TC3 |
| Surface Type | Admin Road |
| Surface Firmness | Firm |
| Width (inches) | 90 |
| Average Grade (%) | 1.2 |
| Average X-slope (%) | 0.90 |
| Trail Condition Information | |
| Deferred Maintenance | |
| CRV | |
| FCI | |
| Condition | |

Trail Condition TOTALS

| Deferred Maintenance | CRV | FCI | Condition |
|----------------------|-----|-----|-----------|
| | | | |

TRAIL CONDITION



Trail Name: Minnesota River Trail
Trail Number: T305

Refuge Name: Minnesota Valley NWR
Region: 3

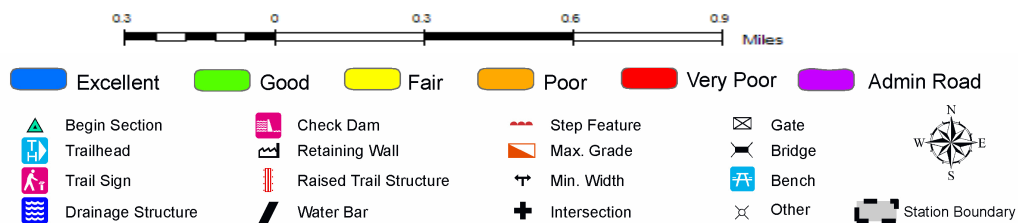
Total Length: 1.85 Miles

| Section Number | 001 | 002 | 003 |
|------------------------------------|------------|------------|------------|
| Section Length (miles) | 0.33 | 0.75 | 0.77 |
| SAMMS Number | 10012451 | 10012451 | 10012451 |
| Rating Date | 08/30/2011 | 07/20/2006 | 08/30/2011 |
| Trail Section Information | | | |
| Trail Class | TC3 | TC3 | TC3 |
| Surface Type | Mowed | Admin Road | Mowed |
| Surface Firmness | Hard | Firm | Hard |
| Width (inches) | 72 | 96 | 120 |
| Average Grade (%) | 1.2 | 1.2 | 1.2 |
| Average X-slope (%) | 0.70 | 0.70 | 0.70 |
| Trail Condition Information | | | |
| Deferred Maintenance | | | |
| CRV | \$12,937 | | \$50,312 |
| FCI | 0.00 | | 0.00 |
| Condition | Excellent | | Excellent |

Trail Condition TOTALS

| Deferred Maintenance | CRV | FCI | Condition |
|----------------------|----------|------|-----------|
| | \$63,249 | 0.00 | Excellent |

TRAIL CONDITION



Trail Name: Bloomington Ferry Trail
Trail Number: T306

Refuge Name: Minnesota Valley NWR
Region: 3

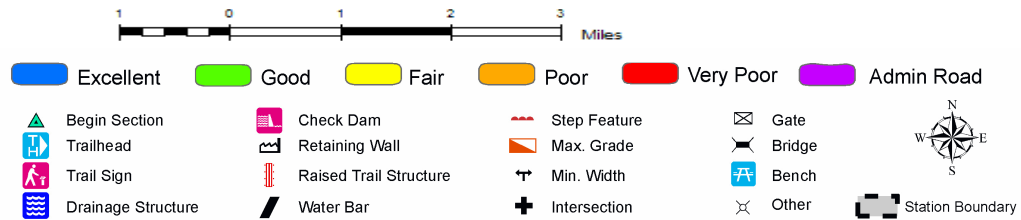
Total Length: 0.88 Miles

| | |
|------------------------------------|------------|
| Section Number | 001 |
| Section Length (miles) | 0.88 |
| SAMMS Number | 10049371 |
| Rating Date | 07/20/2006 |
| Trail Section Information | |
| Trail Class | TC3 |
| Surface Type | Admin Road |
| Surface Firmness | Firm |
| Width (inches) | 96 |
| Average Grade (%) | 0.7 |
| Average X-slope (%) | 0.60 |
| Trail Condition Information | |
| Deferred Maintenance | |
| CRV | |
| FCI | |
| Condition | |

Trail Condition TOTALS

| Deferred Maintenance | CRV | FCI | Condition |
|----------------------|-----|-----|-----------|
| | | | |

TRAIL CONDITION



Trail Name: Loop Trail
Trail Number: T307

Refuge Name: Minnesota Valley NWR
Region: 3

Total Length: 0.66 Miles

| | |
|------------------------------------|------------|
| Section Number | 001 |
| Section Length (miles) | 0.66 |
| SAMMS Number | N/A |
| Rating Date | 08/30/2011 |
| Trail Section Information | |
| Trail Class | TC4 |
| Surface Type | Mowed |
| Surface Firmness | Hard |
| Width (inches) | 72 |
| Average Grade (%) | 2.7 |
| Average X-slope (%) | 1.90 |
| Trail Condition Information | |
| Deferred Maintenance | |
| CRV | \$25,875 |
| FCI | 0.00 |
| Condition | Excellent |

Trail Condition TOTALS

| Deferred Maintenance | CRV | FCI | Condition |
|----------------------|----------|------|-----------|
| | \$25,875 | 0.00 | Excellent |

TRAIL CONDITION



Trail Name: Black Dog Trail
Trail Number: T400

Refuge Name: Minnesota Valley NWR
Region: 3

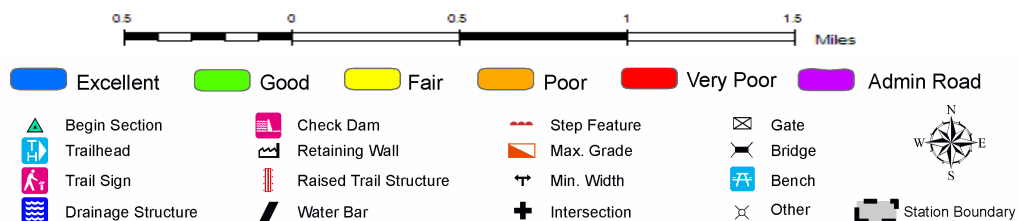
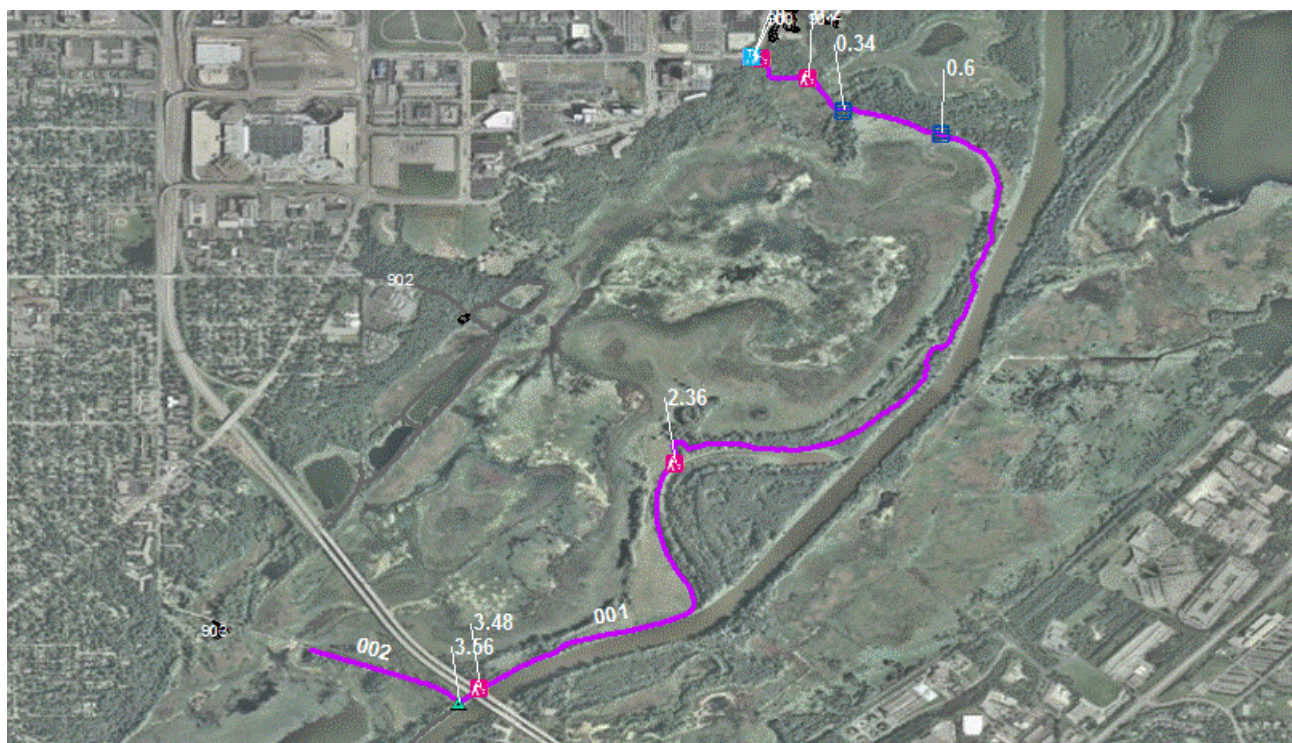
Total Length: 1.90 Miles

| | | | |
|------------------------------------|------------|------------|------------|
| Section Number | 001 | 002 | 003 |
| Section Length (miles) | 0.67 | 0.29 | 0.94 |
| SAMMS Number | 10012434 | 10012434 | 10012434 |
| Rating Date | 07/18/2006 | 07/18/2006 | 07/18/2006 |
| Trail Section Information | | | |
| Trail Class | TC2 | TC2 | TC3 |
| Surface Type | Mowed | Mowed | Gravel |
| Surface Firmness | Firm | Firm | Firm |
| Width (inches) | 17 | 17 | 36 |
| Average Grade (%) | 4.9 | 4.9 | 4.9 |
| Average X-slope (%) | 3.30 | 3.30 | 3.30 |
| Trail Condition Information | | | |
| Deferred Maintenance | | | |
| CRV | \$6,202 | \$2,684 | \$80,406 |
| FCI | 0.00 | 0.00 | 0.00 |
| Condition | Excellent | Excellent | Excellent |

Trail Condition TOTALS

| | | | |
|----------------------|----------|------|-----------|
| Deferred Maintenance | CRV | FCI | Condition |
| | \$89,292 | 0.00 | Excellent |

TRAIL CONDITION



Trail Name: Kelly Trail

Refuge Name: Minnesota Valley NWR

Trail Number: T401

Region: 3

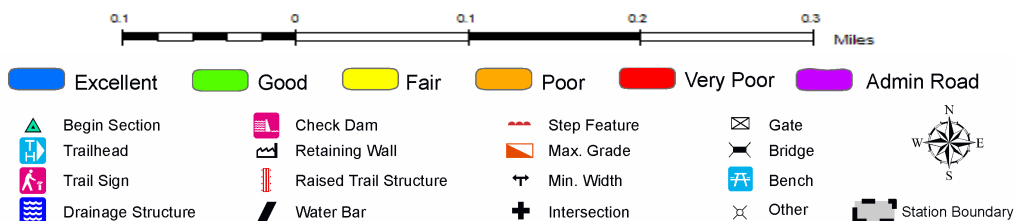
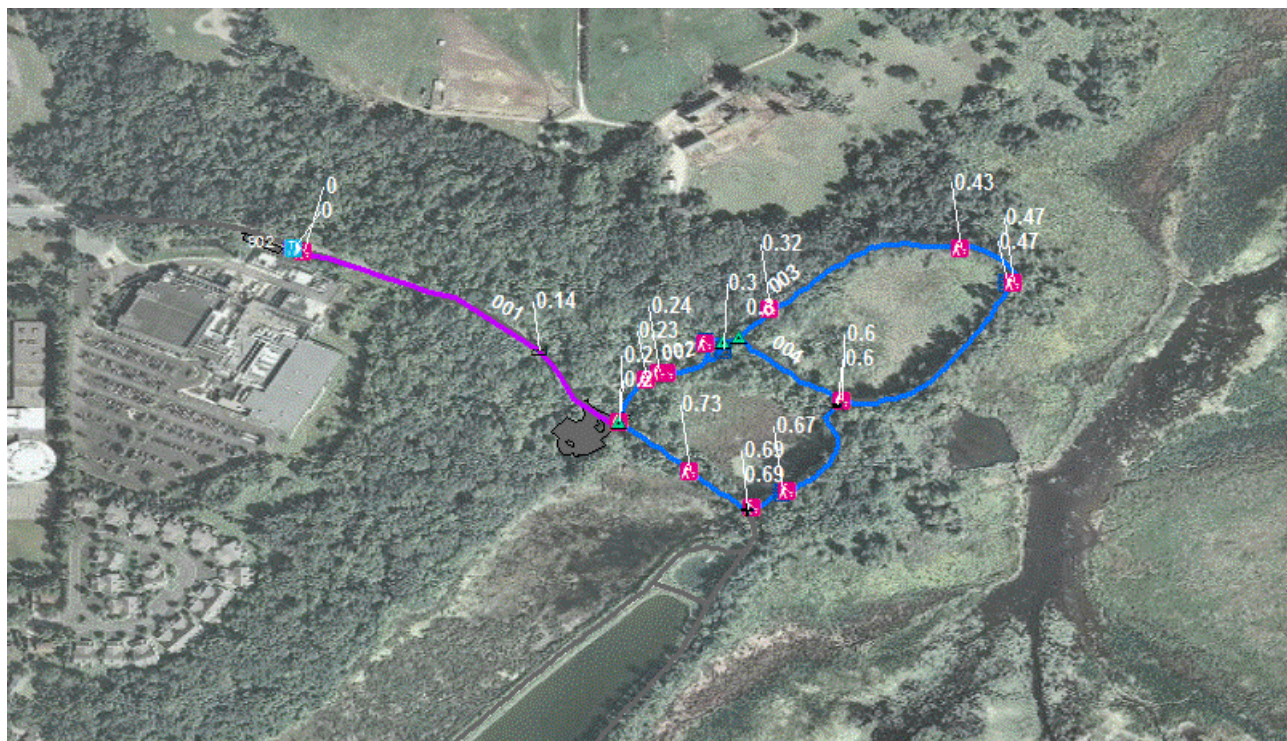
Total Length: 3.97 Miles

| | | |
|------------------------------------|------------|------------|
| Section Number | 001 | 002 |
| Section Length (miles) | 3.56 | 0.41 |
| SAMMS Number | 10012365 | 10012365 |
| Rating Date | 07/18/2006 | 07/20/2006 |
| Trail Section Information | | |
| Trail Class | TC4 | TC4 |
| Surface Type | Admin Road | Admin Road |
| Surface Firmness | Hard | Firm |
| Width (inches) | 96 | 100 |
| Average Grade (%) | 2.6 | 2.6 |
| Average X-slope (%) | 1.90 | 1.90 |
| Trail Condition Information | | |
| Deferred Maintenance | | |
| CRV | | |
| FCI | | |
| Condition | | |

Trail Condition TOTALS

| | | | |
|----------------------|-----|-----|-----------|
| Deferred Maintenance | CRV | FCI | Condition |
| | | | |

TRAIL CONDITION



Trail Name: Bass Ponds Trail
Trail Number: T402

Refuge Name: Minnesota Valley NWR
Region: 3

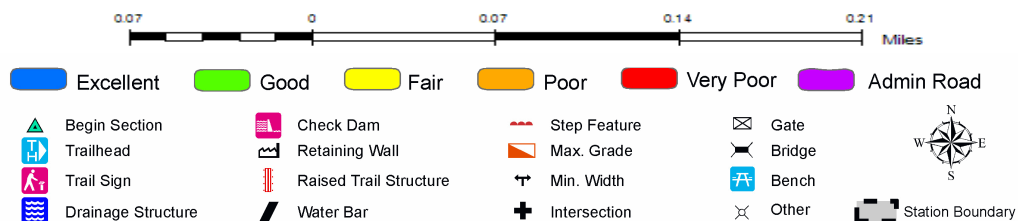
Total Length: 0.87 Miles

| Section Number | 001 | 002 | 003 | 004 |
|------------------------------------|------------|------------|------------|------------|
| Section Length (miles) | 0.20 | 0.11 | 0.49 | 0.07 |
| SAMMS Number | 10012356 | 10012356 | 10012356 | 10012356 |
| Rating Date | 07/18/2006 | 07/18/2006 | 07/18/2006 | 07/18/2006 |
| Trail Section Information | | | | |
| Trail Class | TC4 | TC4 | TC4 | TC4 |
| Surface Type | Admin Road | Gravel | Gravel | Gravel |
| Surface Firmness | Paved | Hard | Hard | Hard |
| Width (inches) | 240 | 96 | 96 | 18 |
| Average Grade (%) | 2.3 | 2.3 | 2.3 | 2.3 |
| Average X-slope (%) | 1.40 | 1.40 | 1.40 | 1.40 |
| Trail Condition Information | | | | |
| Deferred Maintenance | | | | |
| CRV | | \$25,088 | \$111,769 | \$2,992 |
| FCI | | 0.00 | 0.00 | 0.00 |
| Condition | | Excellent | Excellent | Excellent |

Trail Condition TOTALS

| Deferred Maintenance | CRV | FCI | Condition |
|----------------------|-----------|------|-----------|
| | \$139,849 | 0.00 | Excellent |

TRAIL CONDITION



Trail Name: Little Prairie Loop Trail
Trail Number: T403

Refuge Name: Minnesota Valley NWR
Region: 3

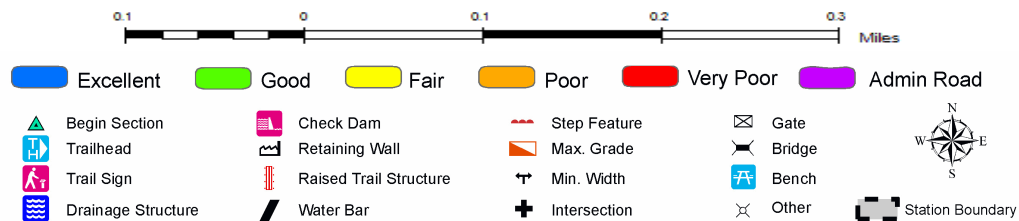
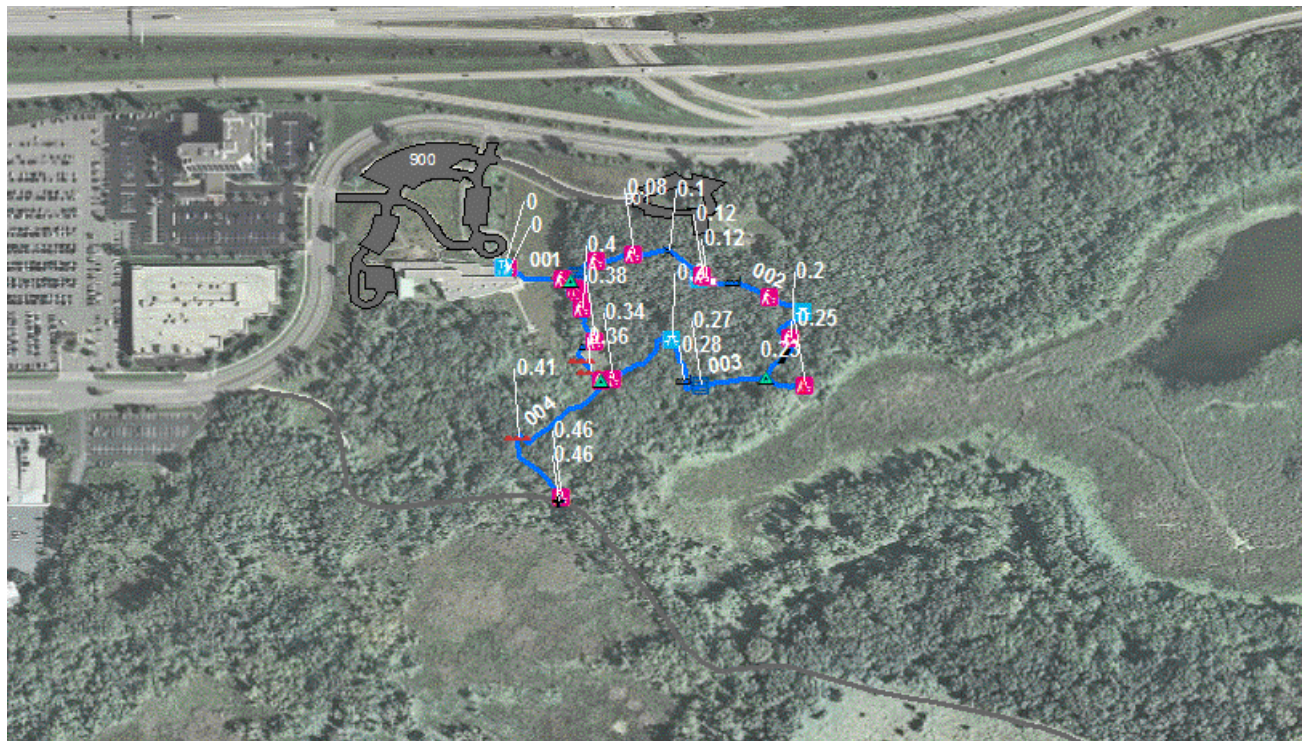
Total Length: 0.79 Miles

| | |
|------------------------------------|------------|
| Section Number | 001 |
| Section Length (miles) | 0.79 |
| SAMMS Number | 10012519 |
| Rating Date | 07/19/2006 |
| Trail Section Information | |
| Trail Class | TC4 |
| Surface Type | Admin Road |
| Surface Firmness | Hard |
| Width (inches) | 100 |
| Average Grade (%) | 0.8 |
| Average X-slope (%) | 0.70 |
| Trail Condition Information | |
| Deferred Maintenance | |
| CRV | |
| FCI | |
| Condition | |

Trail Condition TOTALS

| Deferred Maintenance | CRV | FCI | Condition |
|----------------------|-----|-----|-----------|
| | | | |

TRAIL CONDITION



Trail Name: Hillside Trail

Refuge Name: Minnesota Valley NWR

Trail Number: T500

Region: 3

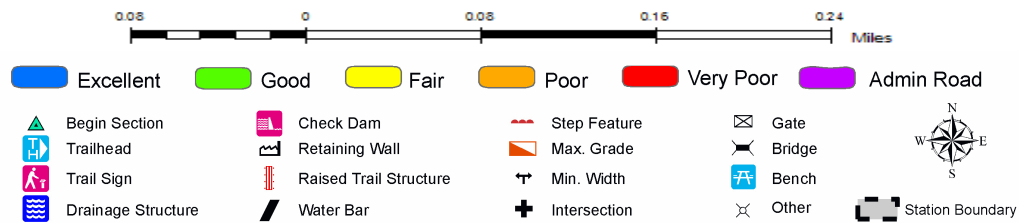
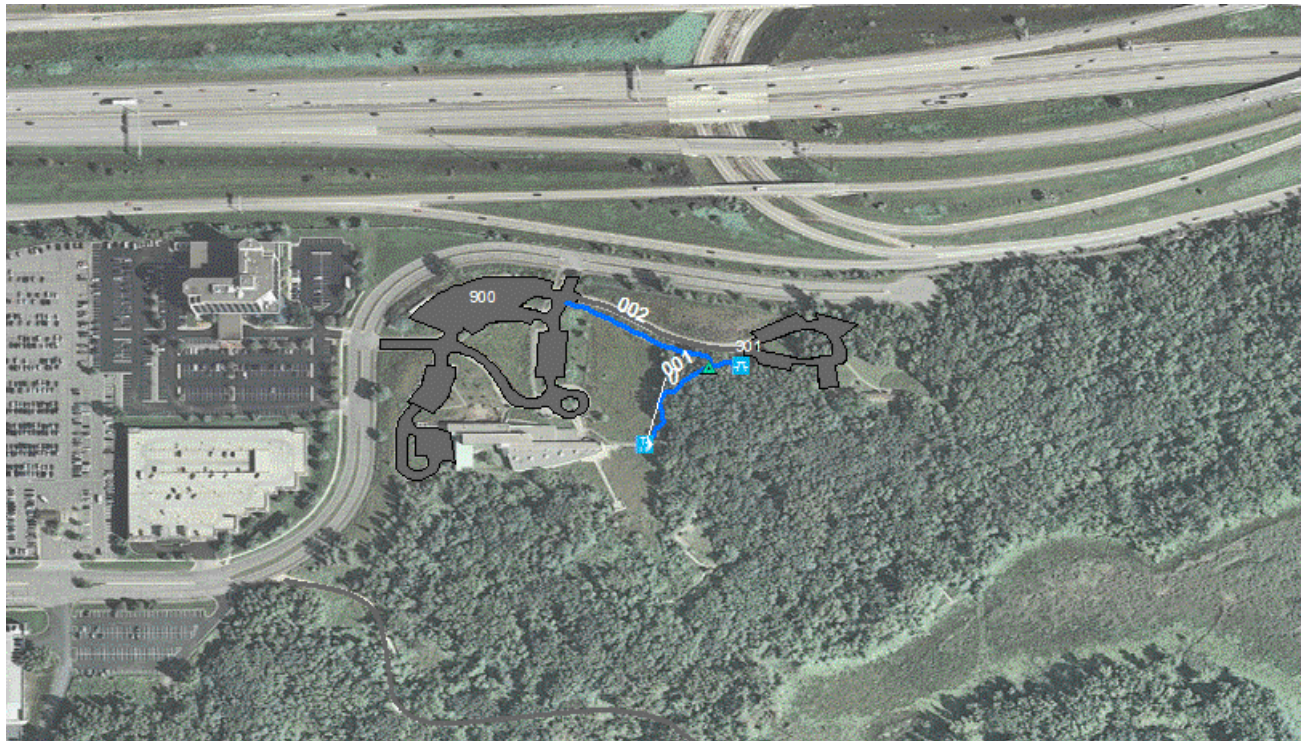
Total Length: 0.55 Miles

| Section Number | 001 | 002 | 003 | 004 |
|------------------------------------|------------|------------|------------|------------|
| Section Length (miles) | 0.04 | 0.21 | 0.19 | 0.11 |
| SAMMS Number | 10012347 | 10012347 | 10012347 | 10012347 |
| Rating Date | 07/18/2006 | 07/18/2006 | 07/18/2006 | 09/01/2011 |
| Trail Section Information | | | | |
| Trail Class | TC5 | TC5 | TC5 | TC4 |
| Surface Type | Asphalt | Gravel | Gravel | Gravel |
| Surface Firmness | Paved | Hard | Hard | Hard |
| Width (inches) | 52 | 52 | 52 | 36 |
| Average Grade (%) | 7.4 | 7.4 | 7.4 | 7.4 |
| Average X-slope (%) | 3.10 | 3.10 | 3.10 | 3.10 |
| Trail Condition Information | | | | |
| Deferred Maintenance | | \$158 | | |
| CRV | \$6,336 | \$25,947 | \$23,474 | \$9,407 |
| FCI | 0.00 | 0.00 | 0.00 | 0.00 |
| Condition | Excellent | Excellent | Excellent | Excellent |

Trail Condition TOTALS

| Deferred Maintenance | CRV | FCI | Condition |
|----------------------|----------|------|-----------|
| \$158 | \$65,164 | 0.00 | Excellent |

TRAIL CONDITION



Trail Name: Bluff Prairie Path
Trail Number: T501

Refuge Name: Minnesota Valley NWR
Region: 3

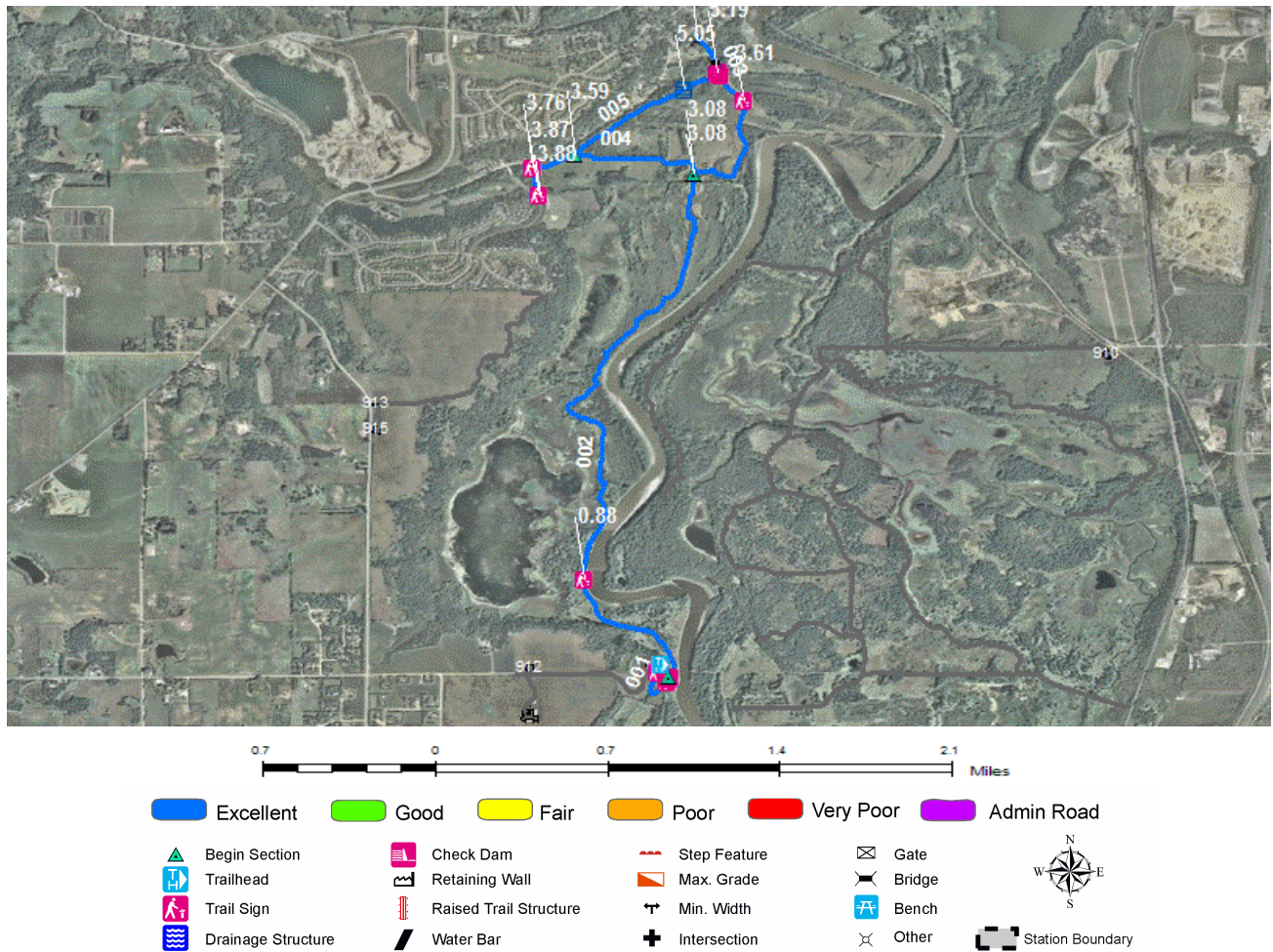
Total Length: 0.14 Miles

| Section Number | 001 | 002 |
|------------------------------------|------------|------------|
| Section Length (miles) | 0.07 | 0.07 |
| SAMMS Number | 10012355 | 10012355 |
| Rating Date | 07/18/2006 | 07/18/2006 |
| Trail Section Information | | |
| Trail Class | TC5 | TC5 |
| Surface Type | Asphalt | Asphalt |
| Surface Firmness | Paved | Paved |
| Width (inches) | 52 | 52 |
| Average Grade (%) | 1.6 | 1.6 |
| Average X-slope (%) | 2.30 | 2.30 |
| Trail Condition Information | | |
| Deferred Maintenance | | |
| CRV | \$11,094 | \$11,094 |
| FCI | 0.00 | 0.00 |
| Condition | Excellent | Excellent |

Trail Condition TOTALS

| Deferred Maintenance | CRV | FCI | Condition |
|----------------------|----------|------|-----------|
| | \$22,188 | 0.00 | Excellent |

TRAIL CONDITION



Trail Name: Rapids Lake Trail
Trail Number: T502

Refuge Name: Minnesota Valley NWR
Region: 3

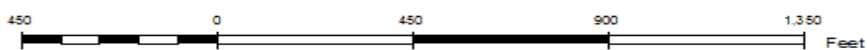
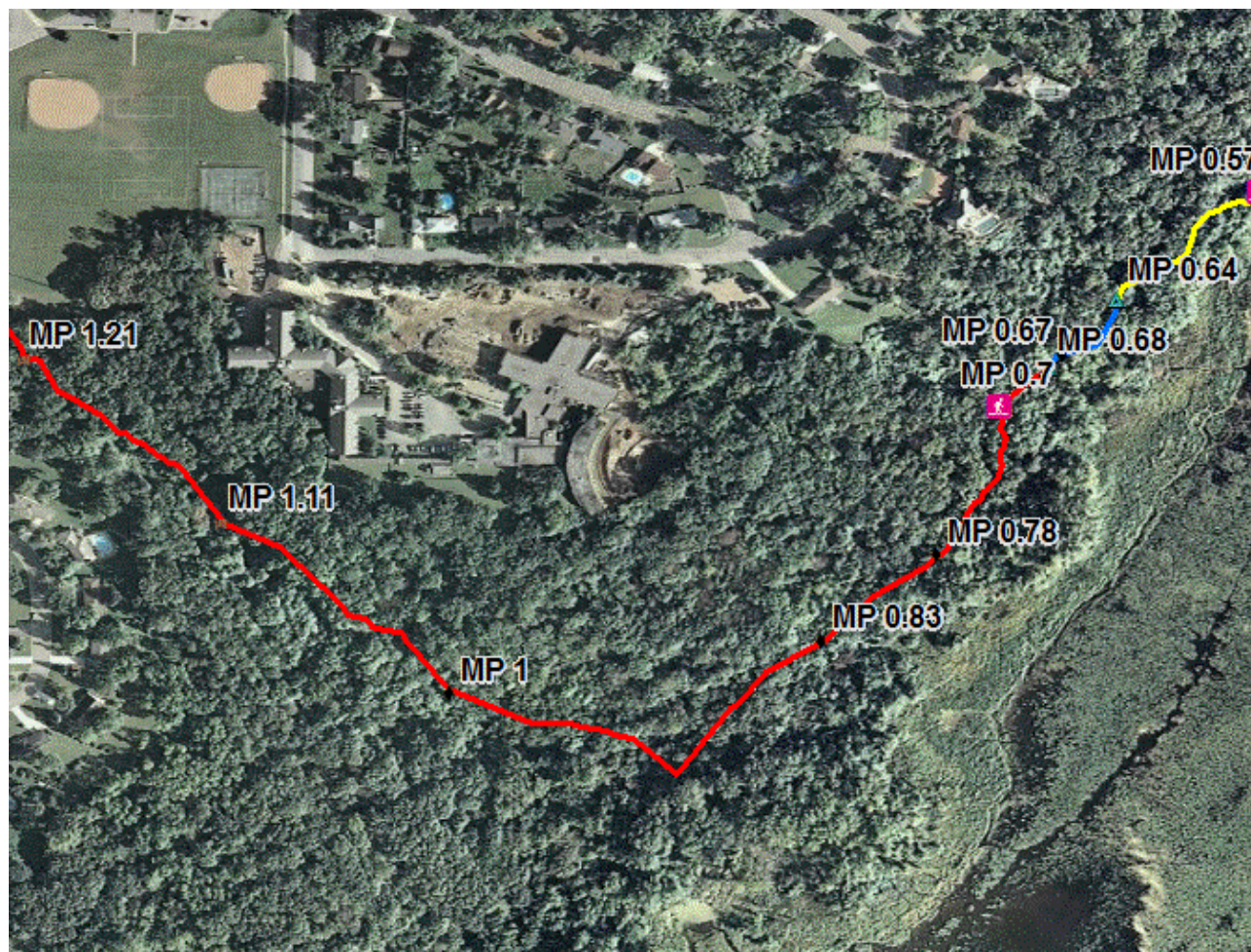
Total Length: 5.39 Miles

| Section Number | 001 | 002 | 003 | 004 | 005 |
|------------------------------------|------------|------------|------------|------------|------------|
| Section Length (miles) | 0.25 | 2.83 | 0.87 | 0.80 | 0.64 |
| SAMMS Number | N/A | N/A | N/A | N/A | N/A |
| Rating Date | 09/02/2011 | 08/30/2011 | 08/30/2011 | 08/30/2011 | 08/30/2011 |
| Trail Section Information | | | | | |
| Trail Class | TC5 | TC3 | TC3 | TC3 | TC3 |
| Surface Type | Asphalt | Mowed | Mowed | Mowed | Mowed |
| Surface Firmness | Firm | Hard | Hard | Hard | Hard |
| Width (inches) | 84 | 108 | 84 | 84 | 84 |
| Average Grade (%) | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 |
| Average X-slope (%) | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 |
| Trail Condition Information | | | | | |
| Deferred Maintenance | | | | | |
| CRV | \$63,987 | \$166,422 | \$39,792 | \$36,590 | \$29,272 |
| FCI | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Condition | Excellent | Excellent | Excellent | Excellent | Excellent |

Trail Condition TOTALS

| Deferred Maintenance | CRV | FCI | Condition |
|----------------------|-----------|------|-----------|
| | \$336,063 | 0.00 | Excellent |

TRAIL DEFICIENCY



Trail Name: Bluff Trail

Refuge Name: Minnesota Valley NWR

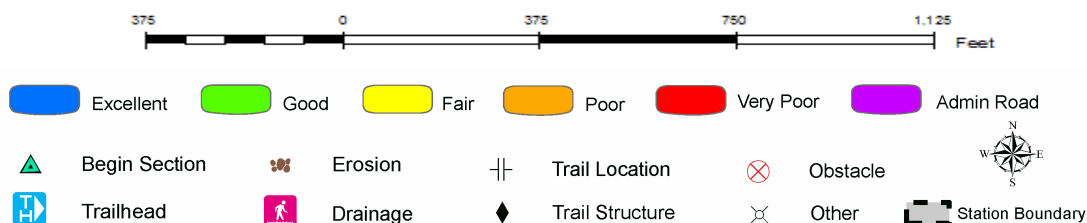
Trail Number: T200

Region: 3

Total Length: 3.80 Miles

| | | | | |
|----------------------|--------------|-----------------|---------------|-----------------|
| Mile Post | 0.57 | 0.67 | 0.70 | 0.78 |
| Section Number | 005 | 006 | 007 | 007 |
| Photo Number | MIVA_C2_1656 | MIVA_C2_0643 | MIVA_C2_0646 | MIVA_C2_0647 |
| Deficiency | Drainage | Trail Structure | Drainage | Trail Structure |
| Action | Build/Add | Repair | Build/Add | Build/Add |
| Item | Tread -sf | Boardwalk -lf | Boardwalk -lf | Boardwalk -lf |
| Quantity | 60 | 5 | 30 | 40 |
| Deferred Maintenance | \$347 | \$151 | \$1,264 | \$1,669 |

TRAIL DEFICIENCY



Trail Name: Bluff Trail

Refuge Name: Minnesota Valley NWR

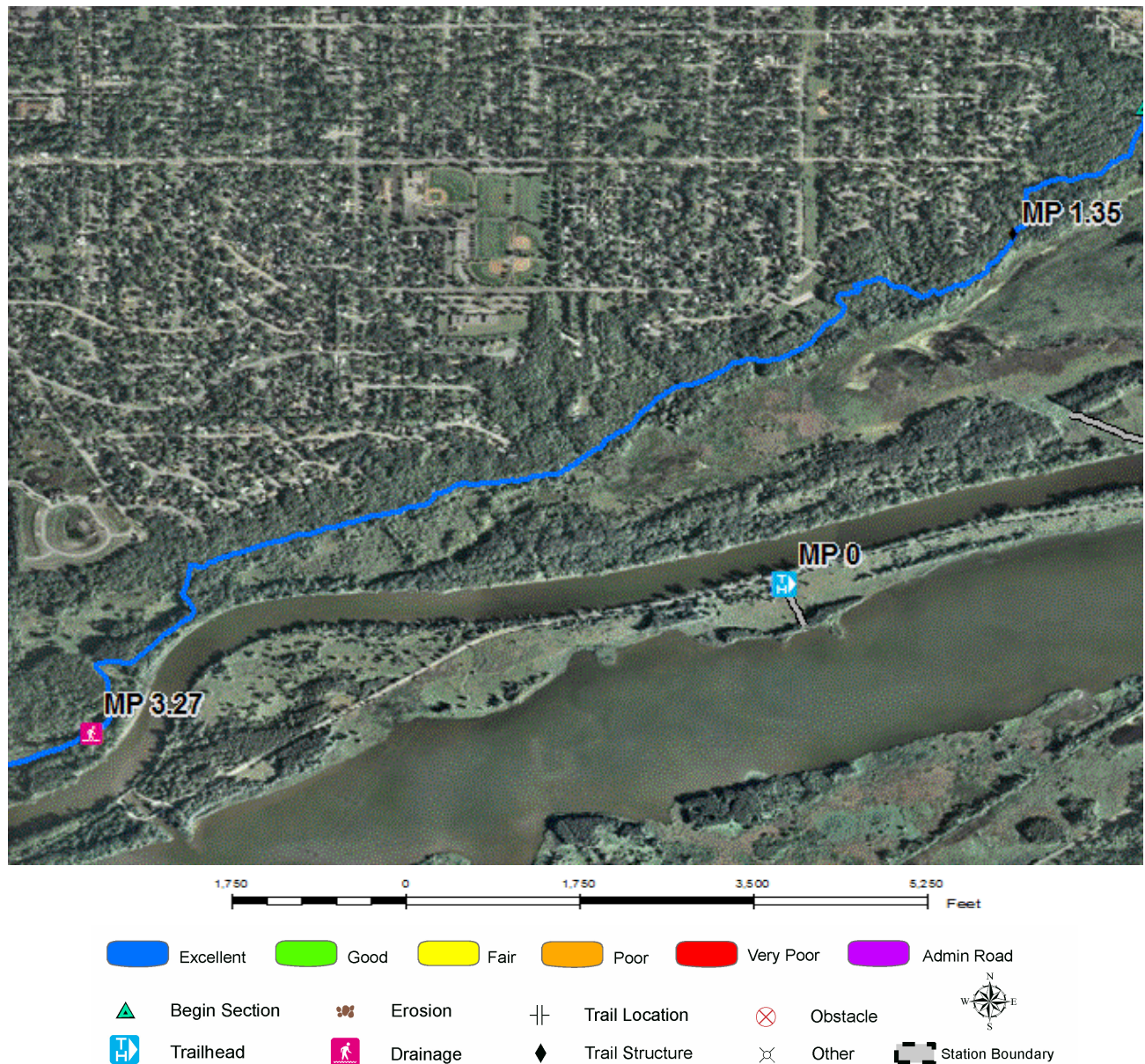
Trail Number: T200

Region: 3

Total Length: 3.80 Miles

| | | | | |
|----------------------|-----------------|-----------------|----------------------|----------------------|
| Mile Post | 0.83 | 1.00 | 1.11 | 1.21 |
| Section Number | 007 | 007 | 007 | 007 |
| Photo Number | MIVA_C2_0649 | MIVA_C2_0650 | MIVA_C2_0651 | MIVA_C2_0653 |
| Deficiency | Trail Structure | Trail Structure | Erosion | Erosion |
| Action | Repair | Build/Add | Build/Add | Build/Add |
| Item | Boardwalk -lf | Boardwalk -lf | Water Bar:Wood -each | Water Bar:Wood -each |
| Quantity | 5 | 120 | 2 | 10 |
| Deferred Maintenance | \$151 | \$4,906 | \$255 | \$1,073 |

TRAIL DEFICIENCY



Trail Name: Bluff Trail

Refuge Name: Minnesota Valley NWR

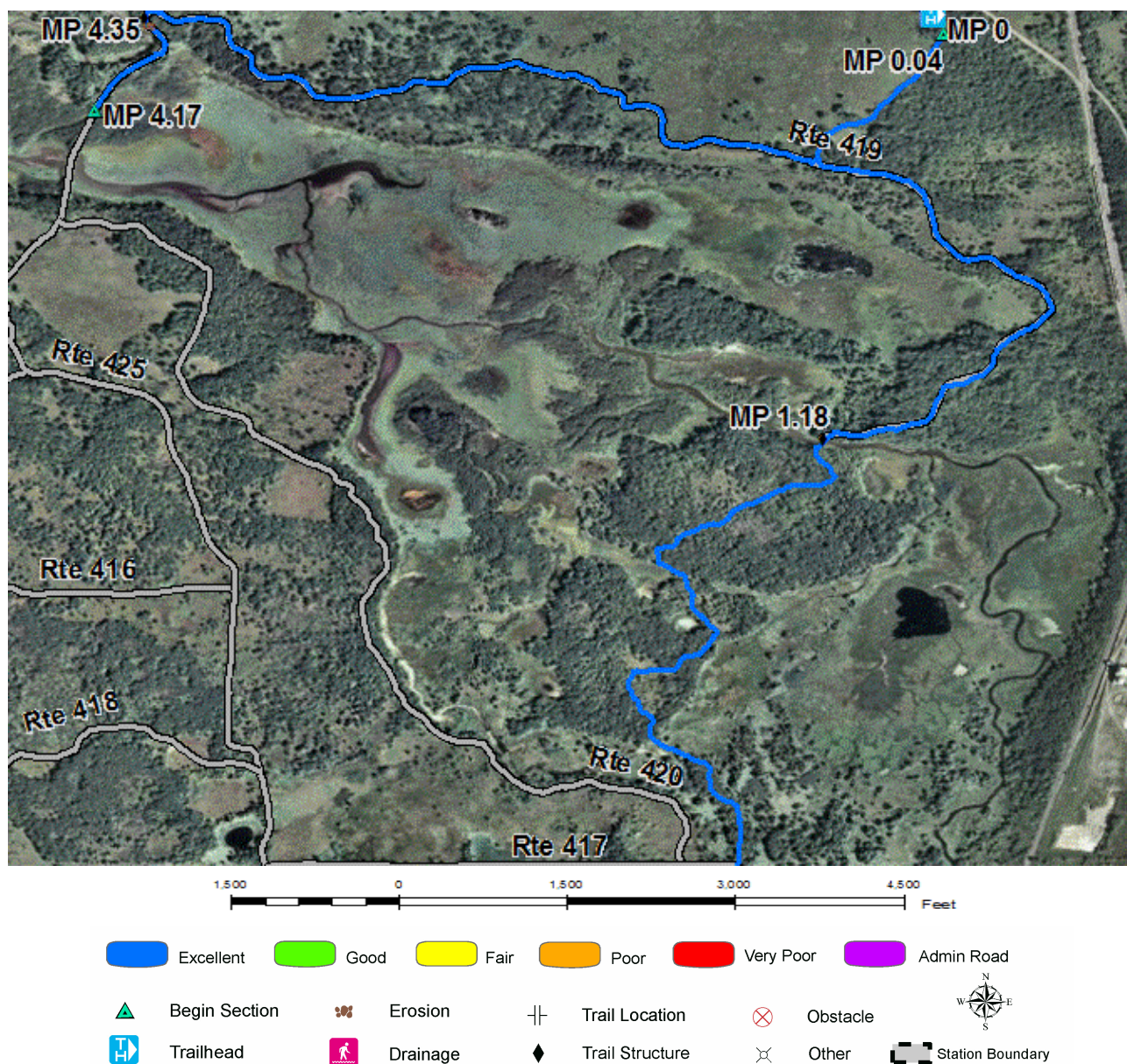
Trail Number: T200

Region: 3

Total Length: 3.80 Miles

| | | |
|----------------------|-----------------|--------------|
| Mile Post | 1.35 | 3.27 |
| Section Number | 008 | 008 |
| Photo Number | MIVA_C2_0655 | MIVA_C2_1657 |
| Deficiency | Trail Structure | Drainage |
| Action | Replace | Repair |
| Item | Crib: Log -cf | Tread -sf |
| Quantity | 75 | 20 |
| Deferred Maintenance | \$2,904 | \$100 |

TRAIL DEFICIENCY



Trail Name: Mazomani Trail

Refuge Name: Minnesota Valley NWR

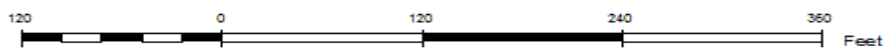
Trail Number: T303

Region: 3

Total Length: 6.04 Miles

| | | | |
|----------------------|-----------------|----------------------|-----------------|
| Mile Post | 1.18 | 4.35 | 4.37 |
| Section Number | 002 | 005 | 005 |
| Photo Number | MIVA_C2_1376 | MIVA_C2_0612 | MIVA_C2_0730 |
| Deficiency | Trail Structure | Erosion | Trail Structure |
| Action | Repair | Build/Add | Repair |
| Item | Bridge -sf | Water Bar:Rock -each | Other |
| Quantity | 60 | 2 | 1 |
| Deferred Maintenance | \$1,971 | \$548 | \$50 |

TRAIL DEFICIENCY



Trail Name: Hillside Trail

Refuge Name: Minnesota Valley NWR

Trail Number: T500

Region: 3

Total Length: 0.55 Miles

| | |
|----------------------|--------------|
| Mile Post | 0.25 |
| Section Number | 002 |
| Photo Number | MIVA_C2_0554 |
| Deficiency | Erosion |
| Action | Repair |
| Item | Tread -sf |
| Quantity | 40 |
| Deferred Maintenance | \$158 |

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T200
STATION: Minnesota Valley NWR
DATE: 07/20/2006



Photo # MIVA_C2_0623 - MP 0.00 - Trailhead

TRAIL NUMBER: T200
STATION: Minnesota Valley NWR
DATE: 07/20/2006



Photo # MIVA_C2_0623 - MP 0.00 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T200
STATION: Minnesota Valley NWR
DATE: 07/20/2006



Photo # MIVA_C2_0624 - MP 0.02 - Sign

TRAIL NUMBER: T200
STATION: Minnesota Valley NWR
DATE: 07/20/2006



Photo # MIVA_C2_0627 - MP 0.11 - Begin Section

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T200
STATION: Minnesota Valley NWR
DATE: 07/20/2006



Photo # MIVA_C2_0630 - MP 0.17 - Boardwalk -lf

TRAIL NUMBER: T200
STATION: Minnesota Valley NWR
DATE: 07/20/2006



Photo # MIVA_C2_0639 - MP 0.52 - Begin Section

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T200
STATION: Minnesota Valley NWR
DATE: 07/20/2006



Photo # MIVA_C2_0641 - MP 0.57 - Begin Section

TRAIL NUMBER: T200
STATION: Minnesota Valley NWR
DATE: 07/20/2006



Photo # MIVA_C2_0642 - MP 0.64 - Begin Section

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T200
STATION: Minnesota Valley NWR
DATE: 07/20/2006



Photo # MIVA_C2_0645 - MP 0.68 - Begin Section

TRAIL NUMBER: T200
STATION: Minnesota Valley NWR
DATE: 07/20/2006

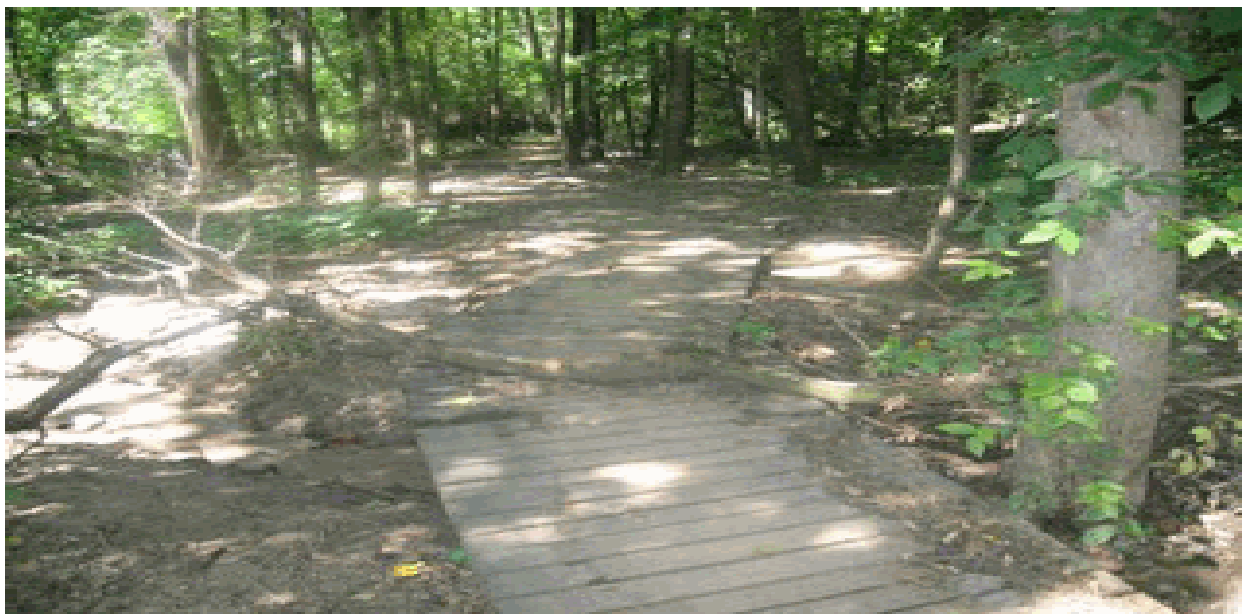


Photo # MIVA_C2_0647 - MP 0.77 - Boardwalk -lf

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T200
STATION: Minnesota Valley NWR
DATE: 07/20/2006



Photo # MIVA_C2_0648 - MP 0.83 - Boardwalk -lf

TRAIL NUMBER: T200
STATION: Minnesota Valley NWR
DATE: 07/20/2006

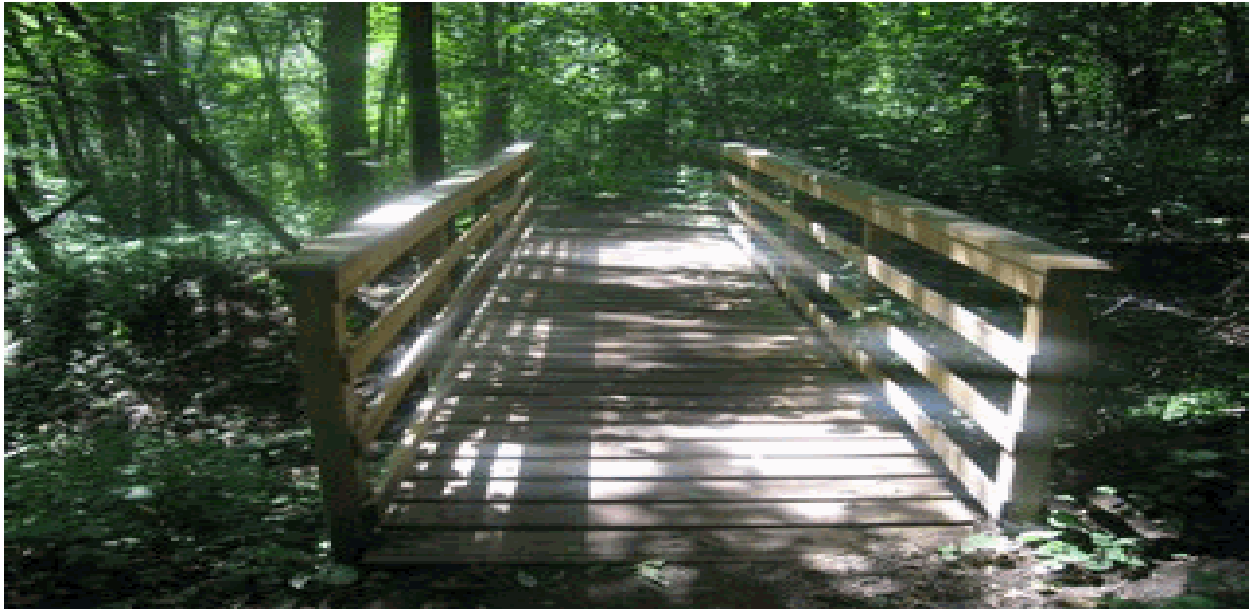


Photo # MIVA_C2_0654 - MP 1.31 - Bridge -sf

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T200
STATION: Minnesota Valley NWR
DATE: 07/20/2006



Photo # MIVA_C2_0656 - MP 1.54 - Puncheon -lf

TRAIL NUMBER: T200
STATION: Minnesota Valley NWR
DATE: 09/02/2011



Photo # MIVA_C2_0099 - MP 1.92 - Boardwalk -lf

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T200
STATION: Minnesota Valley NWR
DATE: 07/20/2006



Photo # MIVA_C2_0661 - MP 2.22 - Boardwalk -lf

TRAIL NUMBER: T200
STATION: Minnesota Valley NWR
DATE: 09/02/2011

Photo # MIVA_C2_0659 - MP 3.41 - Other

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T300
STATION: Minnesota Valley NWR
DATE: 07/17/2006



Photo # MIVA_C2_0526 - MP 0.00 - Trailhead

TRAIL NUMBER: T300
STATION: Minnesota Valley NWR
DATE: 07/17/2006



Photo # MIVA_C2_0527 - MP 0.01 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T300
STATION: Minnesota Valley NWR
DATE: 07/17/2006



Photo # MIVA_C2_0531 - MP 0.52 - Begin Section

TRAIL NUMBER: T300
STATION: Minnesota Valley NWR
DATE: 07/17/2006



Photo # MIVA_C2_0532 - MP 0.93 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T300
STATION: Minnesota Valley NWR
DATE: 07/17/2006

Photo # MIVA_C2_0533 - MP 1.25 - Sign

TRAIL NUMBER: T300
STATION: Minnesota Valley NWR
DATE: 07/17/2006



Photo # MIVA_C2_0534 - MP 1.23 - Begin Section

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T300
STATION: Minnesota Valley NWR
DATE: 07/17/2006



Photo # MIVA_C2_0536 - MP 0.95 - Sign

TRAIL NUMBER: T300
STATION: Minnesota Valley NWR
DATE: 07/17/2006

Photo # MIVA_C2_0537 - MP 1.25 - Begin Section

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T300
STATION: Minnesota Valley NWR
DATE: 07/17/2006

Photo # MIVA_C2_0538 - MP 1.57 - Begin Section

TRAIL NUMBER: T300
STATION: Minnesota Valley NWR
DATE: 07/17/2006

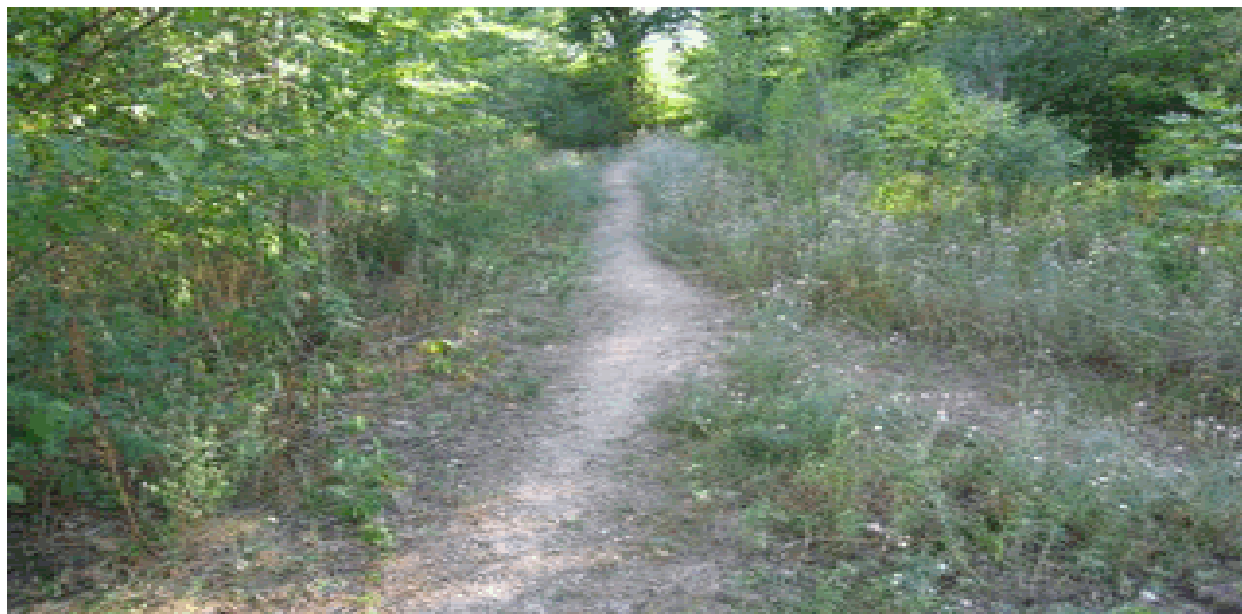


Photo # MIVA_C2_0539 - MP 0.34 - Begin Section

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T301

STATION: Minnesota Valley NWR

DATE: 08/31/2011



Photo # MIVA_C2_0720 - MP 0.00 - Other

TRAIL NUMBER: T301

STATION: Minnesota Valley NWR

DATE: 07/19/2006



Photo # MIVA_C2_0589 - MP 0.00 - Trailhead

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T301
STATION: Minnesota Valley NWR
DATE: 07/19/2006



Photo # MIVA_C2_0589 - MP 0.00 - Sign

TRAIL NUMBER: T301
STATION: Minnesota Valley NWR
DATE: 07/19/2006



Photo # MIVA_C2_0590 - MP 0.14 - Bridge -sf

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T301
STATION: Minnesota Valley NWR
DATE: 08/31/2011



Photo # MIVA_C2_0722 - MP 0.35 - Intersection

TRAIL NUMBER: T301
STATION: Minnesota Valley NWR
DATE: 07/19/2006



Photo # MIVA_C2_0591 - MP 0.35 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T301
STATION: Minnesota Valley NWR
DATE: 07/19/2006



Photo # MIVA_C2_0592 - MP 0.41 - Sign

TRAIL NUMBER: T301
STATION: Minnesota Valley NWR
DATE: 08/31/2011



Photo # MIVA_C2_0724 - MP 0.42 - Intersection

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T301

STATION: Minnesota Valley NWR

DATE: 07/19/2006



Photo # MIVA_C2_0593 - MP 0.93 - Sign

TRAIL NUMBER: T301

STATION: Minnesota Valley NWR

DATE: 07/19/2006



Photo # MIVA_C2_0594 - MP 0.95 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T301

STATION: Minnesota Valley NWR

DATE: 07/19/2006



Photo # MIVA_C2_0595 - MP 1.46 - Sign

TRAIL NUMBER: T302

STATION: Minnesota Valley NWR

DATE: 07/18/2006



Photo # MIVA_C2_1326 - MP 0.00 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T302
STATION: Minnesota Valley NWR
DATE: 07/18/2006



Photo # MIVA_C2_1325 - MP 0.00 - Trailhead

TRAIL NUMBER: T303
STATION: Minnesota Valley NWR
DATE: 07/19/2006



Photo # MIVA_C2_1353 - MP 0.00 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T303
STATION: Minnesota Valley NWR
DATE: 07/19/2006



Photo # MIVA_C2_1356 - MP 0.00 - Trailhead

TRAIL NUMBER: T303
STATION: Minnesota Valley NWR
DATE: 07/19/2006



Photo # MIVA_C2_1357 - MP 0.01 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T303
STATION: Minnesota Valley NWR
DATE: 07/19/2006



Photo # MIVA_C2_1358 - MP 0.02 - Sign

TRAIL NUMBER: T303
STATION: Minnesota Valley NWR
DATE: 07/19/2006



Photo # MIVA_C2_1361 - MP 0.03 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T303
STATION: Minnesota Valley NWR
DATE: 07/19/2006



Photo # MIVA_C2_1363 - MP 0.04 - Begin Section

TRAIL NUMBER: T303
STATION: Minnesota Valley NWR
DATE: 07/19/2006



Photo # MIVA_C2_1364 - MP 0.06 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T303
STATION: Minnesota Valley NWR
DATE: 07/19/2006



Photo # MIVA_C2_1379 - MP 0.35 - Sign

TRAIL NUMBER: T303
STATION: Minnesota Valley NWR
DATE: 07/19/2006



Photo # MIVA_C2_1366 - MP 0.53 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T303
STATION: Minnesota Valley NWR
DATE: 07/19/2006



Photo # MIVA_C2_1371 - MP 0.73 - Sign

TRAIL NUMBER: T303
STATION: Minnesota Valley NWR
DATE: 07/19/2006



Photo # MIVA_C2_1376 - MP 1.19 - Bridge -sf

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T303
STATION: Minnesota Valley NWR
DATE: 07/19/2006



Photo # MIVA_C2_1378 - MP 1.58 - Bridge -sf

TRAIL NUMBER: T303
STATION: Minnesota Valley NWR
DATE: 07/19/2006



Photo # MIVA_C2_0596 - MP 2.23 - Begin Section

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T303
STATION: Minnesota Valley NWR
DATE: 07/19/2006



Photo # MIVA_C2_0597 - MP 2.32 - Sign

TRAIL NUMBER: T303
STATION: Minnesota Valley NWR
DATE: 07/19/2006



Photo # MIVA_C2_0600 - MP 3.89 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T303
STATION: Minnesota Valley NWR
DATE: 07/19/2006



Photo # MIVA_C2_0601 - MP 3.89 - Sign

TRAIL NUMBER: T303
STATION: Minnesota Valley NWR
DATE: 07/19/2006



Photo # MIVA_C2_0602 - MP 3.96 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T303
STATION: Minnesota Valley NWR
DATE: 07/19/2006



Photo # MIVA_C2_0603 - MP 3.97 - Sign

TRAIL NUMBER: T303
STATION: Minnesota Valley NWR
DATE: 07/19/2006



Photo # MIVA_C2_0605 - MP 3.98 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T303
STATION: Minnesota Valley NWR
DATE: 07/19/2006



Photo # MIVA_C2_0606 - MP 4.00 - Begin Section

TRAIL NUMBER: T303
STATION: Minnesota Valley NWR
DATE: 07/19/2006



Photo # MIVA_C2_0611 - MP 4.17 - Begin Section

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T303
STATION: Minnesota Valley NWR
DATE: 07/19/2006



Photo # MIVA_C2_0613 - MP 4.37 - Sign

TRAIL NUMBER: T303
STATION: Minnesota Valley NWR
DATE: 07/19/2006



Photo # MIVA_C2_0614 - MP 4.38 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T303
STATION: Minnesota Valley NWR
DATE: 07/19/2006



Photo # MIVA_C2_0614 - MP 4.38 - Intersection

TRAIL NUMBER: T303
STATION: Minnesota Valley NWR
DATE: 08/31/2011



Photo # MIVA_C2_0729 - MP 4.39 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T303
STATION: Minnesota Valley NWR
DATE: 07/19/2006



Photo # MIVA_C2_0616 - MP 4.57 - Sign

TRAIL NUMBER: T303
STATION: Minnesota Valley NWR
DATE: 08/31/2011



Photo # MIVA_C2_0731 - MP 4.97 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T304
STATION: Minnesota Valley NWR
DATE: 07/19/2006



Photo # MIVA_C2_0618 - MP 0.00 - Trailhead

TRAIL NUMBER: T304
STATION: Minnesota Valley NWR
DATE: 07/19/2006



Photo # MIVA_C2_0619 - MP 0.00 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T304

STATION: Minnesota Valley NWR

DATE: 07/19/2006



Photo # MIVA_C2_0619 - MP 0.01 - Gate

TRAIL NUMBER: T304

STATION: Minnesota Valley NWR

DATE: 07/19/2006



Photo # MIVA_C2_0621 - MP 1.76 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T304
STATION: Minnesota Valley NWR
DATE: 08/31/2011

Photo # MIVA_C2_0736 - MP 1.79 - Other

TRAIL NUMBER: T304
STATION: Minnesota Valley NWR
DATE: 07/19/2006



Photo # MIVA_C2_0620 - MP 1.79 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T305
STATION: Minnesota Valley NWR
DATE: 07/20/2006



Photo # MIVA_C2_0668 - MP 0.24 - Sign

TRAIL NUMBER: T305
STATION: Minnesota Valley NWR
DATE: 07/20/2006



Photo # MIVA_C2_0669 - MP 0.67 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T305
STATION: Minnesota Valley NWR
DATE: 08/30/2011



Photo # MIVA_C2_0716 - MP 1.08 - Begin Section

TRAIL NUMBER: T306
STATION: Minnesota Valley NWR
DATE: 07/20/2006



Photo # MIVA_C2_0676 - MP 0.00 - Trailhead

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T306

STATION: Minnesota Valley NWR

DATE: 07/20/2006



Photo # MIVA_C2_0677 - MP 0.00 - Sign

TRAIL NUMBER: T306

STATION: Minnesota Valley NWR

DATE: 07/20/2006



Photo # MIVA_C2_0719 - MP 0.00 - Gate

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T307
STATION: Minnesota Valley NWR
DATE: 08/30/2011



Photo # MIVA_C2_0708 - MP 0.00 - Trailhead

TRAIL NUMBER: T307
STATION: Minnesota Valley NWR
DATE: 08/30/2011



Photo # MIVA_C2_0710 - MP 0.00 - Intersection

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T307
STATION: Minnesota Valley NWR
DATE: 08/30/2011



Photo # MIVA_C2_0709 - MP 0.01 - Sign

TRAIL NUMBER: T307
STATION: Minnesota Valley NWR
DATE: 08/30/2011



Photo # MIVA_C2_0711 - MP 0.06 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T400
STATION: Minnesota Valley NWR
DATE: 07/18/2006



Photo # MIVA_C2_1331 - MP 0.00 - Sign

TRAIL NUMBER: T400
STATION: Minnesota Valley NWR
DATE: 07/18/2006

Photo # MIVA_C2_1333 - MP 0.00 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T400

STATION: Minnesota Valley NWR

DATE: 07/18/2006



Photo # MIVA_C2_1335 - MP 0.00 - Sign

TRAIL NUMBER: T400

STATION: Minnesota Valley NWR

DATE: 07/18/2006



Photo # MIVA_C2_1336 - MP 0.02 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T400
STATION: Minnesota Valley NWR
DATE: 07/18/2006



Photo # MIVA_C2_1337 - MP 0.67 - Begin Section

TRAIL NUMBER: T400
STATION: Minnesota Valley NWR
DATE: 07/18/2006



Photo # MIVA_C2_1338 - MP 0.96 - Begin Section

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T401
STATION: Minnesota Valley NWR
DATE: 07/18/2006



Photo # MIVA_C2_0542 - MP 0.03 - Sign

TRAIL NUMBER: T401
STATION: Minnesota Valley NWR
DATE: 09/01/2011



Photo # MIVA_C2_0749 - MP 0.20 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T401
STATION: Minnesota Valley NWR
DATE: 07/20/2006



Photo # MIVA_C2_0677 - MP 2.36 - Sign

TRAIL NUMBER: T401
STATION: Minnesota Valley NWR
DATE: 07/20/2006



Photo # MIVA_C2_0678 - MP 3.48 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T401
STATION: Minnesota Valley NWR
DATE: 07/20/2006



Photo # MIVA_C2_0679 - MP 3.56 - Begin Section

TRAIL NUMBER: T402
STATION: Minnesota Valley NWR
DATE: 09/01/2011



Photo # MIVA_C2_0754 - MP 0.00 - Other

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T402
STATION: Minnesota Valley NWR
DATE: 07/18/2006



Photo # MIVA_C2_0558 - MP 0.00 - Trailhead

TRAIL NUMBER: T402
STATION: Minnesota Valley NWR
DATE: 07/18/2006



Photo # MIVA_C2_0558 - MP 0.00 - Gate

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T402
STATION: Minnesota Valley NWR
DATE: 07/18/2006



Photo # MIVA_C2_0558 - MP 0.00 - Sign

TRAIL NUMBER: T402
STATION: Minnesota Valley NWR
DATE: 07/18/2006



Photo # MIVA_C2_0559 - MP 0.00 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T402
STATION: Minnesota Valley NWR
DATE: 07/18/2006



Photo # MIVA_C2_0560 - MP 0.20 - Begin Section

TRAIL NUMBER: T402
STATION: Minnesota Valley NWR
DATE: 07/18/2006



Photo # MIVA_C2_0560 - MP 0.20 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T402
STATION: Minnesota Valley NWR
DATE: 09/01/2011



Photo # MIVA_C2_0755 - MP 0.21 - Other

TRAIL NUMBER: T402
STATION: Minnesota Valley NWR
DATE: 07/18/2006



Photo # MIVA_C2_0561 - MP 0.23 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T402
STATION: Minnesota Valley NWR
DATE: 07/18/2006



Photo # MIVA_C2_0562 - MP 0.24 - Sign

TRAIL NUMBER: T402
STATION: Minnesota Valley NWR
DATE: 07/18/2006



Photo # MIVA_C2_0565 - MP 0.29 - Begin Section

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T402
STATION: Minnesota Valley NWR
DATE: 07/18/2006



Photo # MIVA_C2_0568 - MP 0.60 - Bridge -sf

TRAIL NUMBER: T402
STATION: Minnesota Valley NWR
DATE: 07/18/2006



Photo # MIVA_C2_0760 - MP 0.69 - Intersection

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T402
STATION: Minnesota Valley NWR
DATE: 07/18/2006



Photo # MIVA_C2_0569 - MP 0.30 - Begin Section

TRAIL NUMBER: T403
STATION: Minnesota Valley NWR
DATE: 08/31/2011



Photo # MIVA_C2_0727 - MP 0.00 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T403
STATION: Minnesota Valley NWR
DATE: 07/19/2006



Photo # MIVA_C2_0588 - MP 0.00 - Trailhead

TRAIL NUMBER: T403
STATION: Minnesota Valley NWR
DATE: 07/19/2006



Photo # MIVA_C2_0588 - MP 0.00 - Gate

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T403
STATION: Minnesota Valley NWR
DATE: 07/19/2006



Photo # MIVA_C2_0574 - MP 0.00 - Sign

TRAIL NUMBER: T403
STATION: Minnesota Valley NWR
DATE: 07/19/2006



Photo # MIVA_C2_0573 - MP 0.00 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T403
STATION: Minnesota Valley NWR
DATE: 07/19/2006



Photo # MIVA_C2_0572 - MP 0.01 - Sign

TRAIL NUMBER: T403
STATION: Minnesota Valley NWR
DATE: 07/19/2006



Photo # MIVA_C2_0579 - MP 0.72 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T403
STATION: Minnesota Valley NWR
DATE: 07/19/2006



Photo # MIVA_C2_0581 - MP 0.74 - Sign

TRAIL NUMBER: T403
STATION: Minnesota Valley NWR
DATE: 07/19/2006



Photo # MIVA_C2_0582 - MP 0.79 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T500
STATION: Minnesota Valley NWR
DATE: 07/18/2006



Photo # MIVA_C2_0543 - MP 0.00 - Trailhead

TRAIL NUMBER: T500
STATION: Minnesota Valley NWR
DATE: 07/18/2006



Photo # MIVA_C2_0544 - MP 0.00 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T500

STATION: Minnesota Valley NWR

DATE: 07/18/2006



Photo # MIVA_C2_0545 - MP 0.04 - Sign

TRAIL NUMBER: T500

STATION: Minnesota Valley NWR

DATE: 07/18/2006



Photo # MIVA_C2_0550 - MP 0.04 - Begin Section

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T500
STATION: Minnesota Valley NWR
DATE: 09/01/2011



Photo # MIVA_C2_0739 - MP 0.06 - Sign

TRAIL NUMBER: T500
STATION: Minnesota Valley NWR
DATE: 07/18/2006



Photo # MIVA_C2_0742 - MP 0.21 - Water Bar:Rock -each

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T500

STATION: Minnesota Valley NWR

DATE: 07/18/2006



Photo # MIVA_C2_0553 - MP 0.23 - Begin Section

TRAIL NUMBER: T500

STATION: Minnesota Valley NWR

DATE: 07/18/2006



Photo # MIVA_C2_0555 - MP 0.35 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T500
STATION: Minnesota Valley NWR
DATE: 07/18/2006



Photo # MIVA_C2_0556 - MP 0.41 - Sign

TRAIL NUMBER: T500
STATION: Minnesota Valley NWR
DATE: 09/01/2011



Photo # MIVA_C2_0745 - MP 0.35 - Begin Section

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T500
STATION: Minnesota Valley NWR
DATE: 09/01/2011



Photo # MIVA_C2_0747 - MP 0.46 - Sign

TRAIL NUMBER: T500
STATION: Minnesota Valley NWR
DATE: 09/01/2011



Photo # MIVA_C2_0748 - MP 0.46 - Intersection

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T501
STATION: Minnesota Valley NWR
DATE: 07/18/2006



Photo # MIVA_C2_0546 - MP 0.00 - Trailhead

TRAIL NUMBER: T501
STATION: Minnesota Valley NWR
DATE: 07/18/2006



Photo # MIVA_C2_0547 - MP 0.05 - Begin Section

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T502

STATION: Minnesota Valley NWR

DATE: 08/30/2011



Photo # MIVA_C2_0702 - MP 0.00 - Other

TRAIL NUMBER: T502

STATION: Minnesota Valley NWR

DATE: 08/30/2011



Photo # MIVA_C2_0703 - MP 0.00 - Trailhead

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T502
STATION: Minnesota Valley NWR
DATE: 08/30/2011



Photo # MIVA_C2_0704 - MP 0.04 - Sign

TRAIL NUMBER: T502
STATION: Minnesota Valley NWR
DATE: 08/30/2011



Photo # MIVA_C2_0705 - MP 0.25 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T502
STATION: Minnesota Valley NWR
DATE: 08/30/2011



Photo # MIVA_C2_0706 - MP 0.25 - Begin Section

TRAIL NUMBER: T502
STATION: Minnesota Valley NWR
DATE: 08/30/2011



Photo # MIVA_C2_0707 - MP 0.25 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T502
STATION: Minnesota Valley NWR
DATE: 08/30/2011



Photo # MIVA_C2_0713 - MP 3.82 - Bridge -sf

TRAIL NUMBER: T502
STATION: Minnesota Valley NWR
DATE: 08/30/2011



Photo # MIVA_C2_0714 - MP 3.95 - Other

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T502

STATION: Minnesota Valley NWR

DATE: 08/30/2011



Photo # MIVA_C2_0715 - MP 3.88 - Other

Glossary of Terms and Abbreviations

| | |
|--|---|
| Acc Info | Accessibility information available at trailhead. |
| Action | Action required to correct deficiency. |
| Admin Road | Administration Road. Admin Roads signed and advertised as trails are included in the trail inventory but a condition assessment is NOT done. |
| Alt SAMMS | SAMMS number of Alternate Facility Type. |
| Alt Type | Alternate Facility Type. Trail lies on a feature such as a levee, dam, administrative road or bridge, which has a separate SAMMS number. |
| AvgGrade | The average grade of the trail (%). The average of five measurements for trails less than two miles and ten measurements for trails equal to or greater than 2 miles. |
| AvgSlope | The average cross-slope of the trail (%). The average of five measurements for trails less than two miles and ten measurements for trails equal to or greater than 2 miles. |
| Check Dam | A small dam constructed across a drainage ditch, swale, or channel to lower the speed of concentrated flows. |
| Condition | Subjective rating of trail based on Facility Condition Index (FCI): FCI \leq .01 = Excellent FCI .02 - .05 = Good FCI .06 - .10 = Fair FCI .11 - .20 = Poor FCI $>$.20 = Failed |
| Crib Wall | Retaining wall. |
| Current Replacement Value (CRV) | The value of an asset determined by the estimated cost of replacing it. |
| Def type | Deficiency Type: Trail Structure, Drainage, Erosion, Obstacle, Trail Location, Other. |
| Deferred Maintenance (DM) | Maintenance that was not performed when scheduled. |

| | |
|---|---|
| Elem ID | Unique identifier for each trail section: Org Code-Trail Number-Section Number. |
| Facility Condition Index (FCI) | DM/CRV |
| Grouped Features | Grouped features include non-unique signs (mileposts, interpretive signs, species identification, etc.), water bars, check dams, steps, drain and drainage dips. For any given grouped feature, a GPS point and photo are taken for the first occurrence only and the total number of features in the group are entered into the “quantity” field of the data dictionary. |
| Info Type | Type of accessibility information available at trailhead: brochure, sign or other. |
| Item | Item on which the “Action” (see above) will be performed. |
| Manage_Use | Managed use of the trail: HIKE, BIKE, NSPC (non-specified), PACK, POR (portage), SNOWSHOE, XSKI (cross-country ski), OTHER. |
| MP | Distance of a trail feature or deficiency from the Trailhead. |
| Puncheon | Log footbridge used in area of poor drainage. |
| Raised Trail Structure | Boardwalk, Turnpike, Puncheon. |
| T Class | Trail Class: I-V (see Appendix ? for trail class descriptions). |
| Tr Desig | Trail Designation: Standard (Std), National Historic Trail (NHT), National Recreation Trail (NRT), National Scenic Trail (NST). |
| Turnpike | Trail tread elevated with dirt, rock or other aggregate from parallel side ditches and held in place by logs. |